Environment Canada Environnement Canada

Surface Water Data

Alberta

Données sur les eaux de surface

1988

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1989

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Calgary, Alberta.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Calgary (Alberta).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1988 calendar year, the results of the hydrometric survey investigations which were made in Alberta by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Water Resources Branch,
Department of the Environment,
Bag 2909,
Postal Station 'M'.
(Room 854,
220-4th Avenue S.E.,)
Calgary, Alberta.
T2P 2M7
(403 292-5315)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1988, the hydrometric surveys in Alberta were conducted by the Water Survey of Canada under agreement with the Province of Alberta. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1988, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Alberta.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Direction des ressources en eau
Ministère de l'Environnement
Sac postal 2909
Succursale postale 'M'
(Pièce 854,
220, Quatrième avenue S.-E.)
Calgary (Alberta)
T2P 2M7
(403 292-5315)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1988, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Alberta en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Alberta to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Alberta for the continuance of the hydrometric survey by the federal government. Although this agreement was terminated in 1933 work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Alberta on April 15, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de l'Alberta a passé à cette dernière, le 1er octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord à pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 15 avril 1975, le gouvernement de l'Alberta a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Public Works;
Department of Agriculture, Research Branch.

Provincial – Alberta Forest Service;
Department of the Environment, Water Resources Branch, Alberta;
St. Mary-Milk River Development Commission, Alberta.

Municipal – City of Calgary, Alberta.

Private – Western Irrigation District;
Eastern Irrigation District;
United Irrigation District;
Lethbridge Northern Irrigation District;
Northern Transportation Company;
Syncrude Canada Limited;
TransAlta Utilities Corporation;
Canadian Utilities Limited;
North Western Pulp and Power Limited;
St. Mary River Irrigation District.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère des Travaux publics,
Direction de la recherche du ministère de l'Agriculture.

Niveau provincial – *Alberta Forest Service*,
Direction des ressources en eau du ministère de l'Environnement de l'Alberta,
St. Mary-Milk River Development Commission, Alberta.

Niveau municipal – Ville de Calgary, Alberta.

Secteur privé – *Western Irrigation District*,
Eastern Irrigation District,
United Irrigation District,
Letbbridge Northern Irrigation District,
Northern Transportation Company,
Syncrude Canada Limited,
TransAlta Utilities Corporation,
Canadian Utilities Limited,
North Western Pulp and Power Limited,
St. Mary River Irrigation District.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS CREEK NEAR KINUSO - STATION NO. 07BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.173B	2.55	2.04	2.28	0.409A	0.043	0.058	---	---	1
2	---	---	0 B	0.184B	2.15	2.17	1.64	0.367A	0.035	0.064	---	---	2
3	---	---	0 B	0.272B	1.79	1.91	1.52	0.302A	0.031	0.085	---	---	3
4	---	---	0 B	0.380E	1.58	1.38	1.72	0.254A	0.023	0.068	---	---	4
5	---	---	0 B	0.470E	1.49	1.19	1.61	0.208A	0.020	0.075	---	---	5
6	---	---	0 B	0.495B	1.46	1.08	133 A	0.188A	0.023	0.081	---	---	6
7	---	---	0 B	0.584	1.39	0.957	56.8 A	0.250E	0.053	0.079	---	---	7
8	---	---	0 B	0.681	1.33	0.834	16.0 A	0.400E	0.067	0.078	---	---	8
9	---	---	0 B	0.846	1.37	33.1	7.82	0.300E	0.050	0.080	---	---	9
10	---	---	0 B	1.01	1.48	14.8	4.82	0.080A	0.048	0.083	---	---	10
11	---	---	0 B	1.37	1.41	11.5	3.30	0.116	0.057	0.085	---	---	11
12	---	---	0 B	1.56	1.26	8.53	3.43	0.186	0.059	0.105	---	---	12
13	---	---	0.008B	1.63	1.15	6.39	5.82	0.077	0.042	0.121	---	---	13
14	---	---	0.015B	2.22	5.91	3.86	2.91	0.149	0.034	0.120	---	---	14
15	---	---	0.020B	3.74	5.08	2.81	1.70	0.117	0.065	0.116	---	---	15
16	---	---	0.050B	4.01	3.01	2.27	1.17 A	0.225	0.079	0.107	---	---	16
17	---	---	0.073B	2.95	2.15	1.86 A	1.08 A	0.358	0.105	0.117	---	---	17
18	---	---	0.063B	2.71	1.68	1.63 A	1.01 A	0.271	0.105	0.125	---	---	18
19	---	---	0.110B	3.62	1.32	1.43 A	0.949A	0.214	0.081	0.108	---	---	19
20	---	---	0.148B	4.78	1.11	1.36 A	0.879A	0.409	0.085	0.200	---	---	20
21	---	---	0.170B	3.80	0.945	1.20	0.835A	0.436	0.058	0.374	---	---	21
22	---	---	0.188B	3.45	0.800	1.03	0.872	0.289	0.089	0.241	---	---	22
23	---	---	0.191B	3.35	0.850	1.06	0.892	0.159	0.099	0.239	---	---	23
24	---	---	0.197B	2.98	1.41	1.01	0.884	0.100	0.093	0.302	---	---	24
25	---	---	0.197B	2.48	1.03	0.881	0.849	0.084	0.080	0.277	---	---	25
26	---	---	0.179B	2.25	0.849	0.808	0.784	0.074	0.110	0.181B	---	---	26
27	---	---	0.167B	2.29	0.729	0.950	0.728	0.096	0.116	0.072B	---	---	27
28	---	---	0.167B	2.73	0.638	1.63	0.862	0.057	0.105	0.098B	---	---	28
29	---	0B	0.132B	3.19	0.587	1.56	0.590	0.050	0.090	0.053B	---	---	29
30	---		0.136B	3.11	3.50	2.49	0.522A	0.083	0.085	0.086B	---	---	30
31	---		0.152B		2.81		0.484A	0.073		0.116B		---	31
TOTAL	---	---	2.383	83.137	54.796	114.148	257.030	8.192	1.881	3.986	---	---	TOTAL
MEAN	---	---	0.077	2.10	1.77	3.80	8.29	0.200	0.066	0.128	---	---	MEAN
MAX	---	---	0.197	4.78	5.91	33.1	133	0.436	0.116	0.374	---	---	MAX
MIN	---	---	0	0.173	0.587	0.808	0.484	0.050	0.020	0.053	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.08
MAXIMUM DAILY, 133A ON JUL 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
275 AT 17:00 MST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 13 08 N
LONG 115 20 03 W
DRAINAGE AREA, 138 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	22 200
FEB	---	AUG	535
MAR	206	SEP	172
APR	5 460	OCT	343
MAY	4 730	NOV	---
JUN	9 860	DEC	---

TOTAL DISCHARGE, 43 500 dam³

AETNA CREEK AT HIGHWAY NO. 501 - STATION NO. 05AE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.318	0.226	0.107	0.081	0.130	---	---	1
2	---	---	---	---	0.082	0.488	0.236	0.228	0.186	0.080	---	---	2
3	---	---	---	---	0.182	0.504	0.206	0.213	0.150	0.082	---	---	3
4	---	---	---	---	0.150	0.318	0.205	0.227	0.086	0.070	---	---	4
5	---	---	---	---	0.174	0.284	0.205	0.174	0.117	0.048	---	---	5
6	---	---	---	---	0.148	0.280	0.212	0.117	0.105	0.085	---	---	6
7	---	---	---	---	0.182	0.339	0.113	0.178	0.077	0.130	---	---	7
8	---	---	---	---	0.182	0.317	0.184	0.218	0.136	0.163	---	---	8
9	---	---	---	---	0.151	0.408	0.022	0.180	0.151	0.143	---	---	9
10	---	---	---	---	0.187	0.335	0	0.250	0.159	0.187	---	---	10
11	---	---	---	---	0.183	0.185	0	0.290	0.217	0.151	---	---	11
12	---	---	---	---	0.128	0.166	0.010	0.371	0.172	0.114	---	---	12
13	---	---	---	---	0.114	0.275	0	0.255	0.178	0.150	---	---	13
14	---	---	---	---	0.208	0.301	0.029	0.161	0.255	0.128	---	---	14
15	---	---	---	---	0.188	0.390	0	0.222	0.315	0.178	---	---	15
16	---	---	---	---	0.188	0.298	0.008	0.180	0.292	0.038	---	---	16
17	---	---	---	---	0.185	0.252	0.063	0.141	0.285	0	---	---	17
18	---	---	---	---	0.141	0.127	0.091	0.104	0.309	0	---	---	18
19	---	---	---	---	0.198	0.085	0.087	0.128	0.288	0	---	---	19
20	---	---	---	---	0.103	0.132	0.014	0.137	0.291	0	---	---	20
21	---	---	---	---	0.183	0.117	0.125	0.167	0.274	0	---	---	21
22	---	---	---	---	0.188	0.105	0.162	0.195	0.188	0	---	---	22
23	---	---	---	---	0.243	0.099	0.157	0.203	0.227	0	---	---	23
24	---	---	---	---	0.220	0.025	0.131	0.185	0.191	0	---	---	24
25	---	---	---	---	0.204	0.018	0.120	0.103	0.187	0	---	---	25
26	---	---	---	---	0.152	0.186	0.101	0.114	0.178	0	---	---	26
27	---	---	---	---	0.162	0.106	0.133	0.103	0.181	0	---	---	27
28	---	---	---	---	0.287	0.180	0.186	0.138	0.058	0	---	---	28
29	---	---	---	---	0.286	0.276	0.162	0.126	0.022	0	---	---	29
30	---		---	---	0.343	0.273	0.083	0.107	0.081	0	---	---	30
31	---		---		0.387		0.108	0.078		0		---	31
TOTAL	---	---	---	---	5.678	7.108	3.354	5.377	5.385	1.878	---	---	TOTAL
MEAN	---	---	---	---	0.183	0.237	0.108	0.173	0.179	0.061	---	---	MEAN
MAX	---	---	---	---	0.387	0.504	0.236	0.371	0.315	0.187	---	---	MAX
MIN	---	---	---	---	0	0.018	0	0.078	0.022	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.504 ON JUN 3
MINIMUM DAILY, 0 ON MAY 1
MAXIMUM INSTANTANEOUS,
0.614 AT 13:17 MST ON MAY 14

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 00 N
LONG 113 15 00 W
DRAINAGE AREA, 32.6 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	290
FEB	---	AUG	465
MAR	---	SEP	484
APR	---	OCT	162
MAY	480	NOV	---
JUN	814	DEC	---

ALBERTA POWER LIMITED COOLING POND OUTLET - STATION NO. 05CC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	1.41	0.824	1.46	1.85	0	0A	---	1
2	---	---	0	0	0	1.42	0.825	1.46	1.85	0	---	---	2
3	---	---	0	0	0	1.41	0.818	1.44	1.83	0	---	---	3
4	---	---	0	0	0	1.41	0.818	1.43	1.81	0	---	---	4
5	---	---	0	0	0	1.41	0.813	1.41	1.80	0	---	---	5
6	---	---	0	0	0	1.41	0.715	1.39	1.88'	0	---	---	6
7	---	---	0	0	0	1.41	0	1.38	1.87	0	---	---	7
8	---	---	0	0	0	1.42	0	1.36	1.82	0	---	---	8
9	---	---	0	0	0	0.830	0	1.35	1.47	0	---	---	9
10	---	---	0	0	0.401A	0.650	0	1.34	1.40	0	---	---	10
11	---	---	0	0	0.838	0.648	0	0.881	1.33	0	---	---	11
12	---	---	0	0	0.845	0.648	0	0.251	1.25	0	---	---	12
13	---	---	0	0	0.835	0.646	0.122	0	1.16	0	---	---	13
14	---	---	0	0	0.820	0.642	0.166	0	0.619	0	---	---	14
15	---	0A	0	0	0.828	0.639	0.166	0	0.268	0	---	---	15
16	---	0	0	0	0.823	0.724	0.169	0	0.270	0	---	---	16
17	---	0	0	0	0.820	0.823	0.171	0.146	0.268	0	---	---	17
18	---	0	0	0	0.820	0.815	0.172	0.194	0.268	0	---	---	18
19	---	0	0	0	0.818	0.827	0.173	0.193	0.272	0	---	---	19
20	---	0	0	0	0.814	0.826	0.173	0.200	0.274	0	---	---	20
21	---	0	0	0	0.811	0.829	0.549	0.194	0.267	0	---	---	21
22	---	0	0	0	0.812	0.830	1.48	0.191	0.264	0	---	---	22
23	---	0	0	0	0.815	0.828	1.47	0.194	0.142	0	---	---	23
24	---	0	0	0	0.820	0.827	1.46	0.195	0	0	---	---	24
25	---	0	0	0	0.819	0.828	1.48	0.197	0	0	---	---	25
26	---	0	0	0	0.822	0.825	1.45	1.13	0	0	---	---	26
27	---	0	0	0	0.864	0.822	1.45	1.87	0	0	---	---	27
28	---	0	0	0	1.42	0.824	1.45	1.87	0	0	---	---	28
29	---	0	0	0	1.41	0.827	1.45	1.86	0	0	---	---	29
30	---		0	0	1.41	0.826	1.48	1.85	0	0	---	---	30
31	---		0		1.41		1.45	1.85		0		---	31
TOTAL	---	---	0	0	18.877	26.381	21.246	26.386	22.262	0	---	---	TOTAL
MEAN	---	---	0	0	0.644	0.948	0.885	0.851	0.742	0	---	---	MEAN
MAX	---	---	0	0	1.42	1.42	1.48	1.87	1.85	0	---	---	MAX
MIN	---	---	0	0	0	0.639	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.470
MAXIMUM DAILY, 1.87 ON AUG 27
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 840
FEB	---	AUG	2 280
MAR	0	SEP	1 920
APR	0	OCT	0
MAY	1 480	NOV	---
JUN	2 480	DEC	---

TOTAL DISCHARGE, 9 980 dam³

ALKALI CREEK NEAR THE MOUTH - STATION NO. 05CK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.005	0	0	0	0	0	0	0A	---	1
2	---	---	0 B	0.005	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.005	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.006	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.007	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.005	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.005	0	0	0	0	0	0	---	---	7
8	---	---	0.0078	0.004	0	0	0	0	0	0	---	---	8
9	---	---	0.011B	0.003	0	0	0	0	0	0	---	---	9
10	---	---	0.015B	0.003	0	0	0	0	0	0	---	---	10
11	---	---	0.015B	0.004	0	0	0	0	0	0	---	---	11
12	---	---	0.007B	0.004	0	0	0	0	0	0	---	---	12
13	---	---	0.006B	0.004	0	0	0	0	0	0	---	---	13
14	---	---	0.005B	0.003	0	0	0	0	0	0	---	---	14
15	---	---	0.004B	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0.004B	0.001	0	0	0	0	0	0	---	---	16
17	---	0B	0.004B	0.003	0	0	0	0	0	0	---	---	17
18	---	0B	0.005B	0.004	0	0	0	0	0	0	---	---	18
19	---	0B	0.007B	0.004	0	0	0	0	0	0	---	---	19
20	---	0B	0.007B	0.005	0	0	0	0	0	0	---	---	20
21	---	0B	0.010B	0.004	0	0	0	0	0	0	---	---	21
22	---	0B	0.004B	0.004	0	0	0	0	0	0	---	---	22
23	---	0B	0.007B	0.004	0	0	0	0	0	0	---	---	23
24	---	0B	0.006B	0.004	0	0	0	0	0	0	---	---	24
25	---	0B	0.005B	0.004	0	0	0	0	0	0	---	---	25
26	---	0B	0.005B	0.004	0	0	0	0	0	0	---	---	26
27	---	0B	0.005B	0.004	0	0	0	0	0	0	---	---	27
28	---	0B	0.003B	0.003	0	0	0	0	0	0	---	---	28
29	---	0B	0.004	0.003	0	0	0	0	0	0	---	---	29
30	---		0.005	0.001	0	0	0	0	0	0	---	---	30
31	---		0.004		0		0	0		0		---	31
TOTAL	---	---	0.181	0.120	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.005	0.004	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.015	0.007	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.015B ON MAR 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.018 AT 08:12 MST ON MAR 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 54 N
LONG 110 30 30 W
DRAINAGE AREA, 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	13.9	SEP	0
APR	10.4	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 24.3 dam³

AMISK CREEK NEAR SHONTS - STATION NO. 05EB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0038	0.011	0	0.025	0	0	0	0	---	1
2	---	---	0 B	0.0118	0.008	0	0.020	0	0	0	0A	---	2
3	---	---	0 B	0.0208	0.004	0	0.008	0	0	0	---	---	3
4	---	---	0 B	0.0458	0	0	0.001	0	0	0	---	---	4
5	---	---	0 B	0.0718	0	0	0.003	0	0	0	---	---	5
6	---	---	0 B	0.1408	0	0	0.288	0	0	0	---	---	6
7	---	---	0 B	0.2118	0	0	0.285	0	0	0	---	---	7
8	---	---	0 B	0.2708	0	0.012	0.358	0	0	0	---	---	8
9	---	---	0 B	0.3108	0	1.84	0.482	0	0	0	---	---	9
10	---	---	0 B	0.3508	0	5.46	0.357	0	0	0	---	---	10
11	---	---	0 B	0.337	0	5.88	0.387	0	0	0	---	---	11
12	---	---	0 B	0.241	0	4.59	0.333	0	0	0	---	---	12
13	---	---	0 B	0.151	0	2.77	0.231	0	0	0	---	---	13
14	---	---	0 B	0.100	0	1.74	0.175	0	0	0	---	---	14
15	---	---	0 B	0.075	0	1.19	0.140	0	0	0	---	---	15
16	---	---	0 B	0.025	0	0.881	0.089	0	0	0	---	---	16
17	---	---	0 B	0.010	0	0.616	0.088	0	0	0	---	---	17
18	---	---	0.0018	0.011	0	0.416	0.044	0	0	0	---	---	18
19	---	---	0.0018	0.009	0	0.278	0.015	0	0	0	---	---	19
20	---	---	0.0028	0.013	0	0.220	0	0	0	0	---	---	20
21	---	---	0.0038	0.012	0	0.182	0	0	0	0	---	---	21
22	---	---	0.0048	0.009	0	0.121	0	0	0	0	---	---	22
23	---	---	0.0048	0.008	0	0.078	0	0	0	0	---	---	23
24	---	---	0.0038	0.005	0	0.048	0	0	0	0	---	---	24
25	---	0B	0.0028	0.003	0	0.036	0	0	0	0	---	---	25
26	---	0B	0.0018	0.001	0	0.032	0	0	0	0	---	---	26
27	---	0B	0 B	0	0	0.018	0	0	0	0	---	---	27
28	---	0B	0 B	0	0	0.007	0	0	0	0	---	---	28
29	---	0B	0 B	0	0	0.011	0	0	0	0	---	---	29
30	---		0 B	0.008	0	0.020	0	0	0	0	---	---	30
31	---		0.0018		0		0	0		0		---	31
TOTAL	---	---	0.022	2.480	0.023	28.371	3.289	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.082	0.001	0.872	0.105	0	0	0	---	---	MEAN
MAX	---	---	0.004	0.360	0.011	5.88	0.482	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.131
MAXIMUM DAILY, 5.88 ON JUN 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.43 AT 14:26 MST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 16 35 N
LONG 112 33 10 W
DRAINAGE AREA, 377 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	282
FEB	---	AUG	0
MAR	1.80	SEP	0
APR	313	OCT	0
MAY	1.88	NOV	---
JUN	2 280	DEC	---

TOTAL DISCHARGE, 2 780 dam³

AMISK RIVER AT HIGHWAY NO. 36 - STATION NO. 05AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1188	0.7048	0.377	0.143	0.014	0.051	0.191	0.003	0.0038	---	1
2	---	---	0.1188	0.8528	0.360	0.176	0.008	0.043	0.135	0.003	0.0038	---	2
3	---	---	0.1188	0.7718	0.325	0.188	0.004	0.034	0.074	0.002	---	---	3
4	---	---	0.1208	0.8388	0.285	0.128	0.004	0.018	0.038	0.002	---	---	4
5	---	---	0.1208	0.7858	0.278	0.108	0.004	0.014	0.018	0.002	---	---	5
6	---	---	0.1208	0.7828	0.273	0.088	0.018	0.030	0.007	0.002	---	---	6
7	---	---	0.1208	0.7368	0.247	0.078	0.020	0.041	0.003	0.002	---	---	7
8	---	---	0.1208	0.7878	0.237	0.083	0.117	0.028	0.001	0.002	---	---	8
9	---	---	0.1208	1.01 B	0.247	0.088	0.571	0.017	0.001	0.003	---	---	9
10	---	---	0.1208	0.9748	0.274	0.093	0.523	0.020	0.001	0.003	---	---	10
11	---	---	0.1208	0.8878	0.263	0.090	0.448	0.083	0.001	0.004	---	---	11
12	---	---	0.1208	1.51 B	0.235	0.178	0.400	0.031	0.001	0.005	---	---	12
13	---	---	0.1208	1.29 B	0.230	0.264	0.557	0.008	0.001	0.005	---	---	13
14	---	---	0.1208	1.05 B	0.184	0.222	0.590	0.002	0.001	0.006	---	---	14
15	---	---	0.1208	0.712	0.201	0.165	0.583	0.001	0.001	0.006	---	---	15
16	---	---	0.1208	0.669	0.213	0.123	0.535	0.001	0.001	0.006	---	---	16
17	---	---	0.1208	0.730	0.218	0.093	0.537	0.001	0.001	0.007	---	---	17
18	---	---	0.1208	0.673	0.201	0.088	0.458	0.001	0.001	0.007	---	---	18
19	---	---	0.1508	0.634	0.193	0.030	0.389	0.001	0.001	0.007	---	---	19
20	---	---	0.1808	0.593	0.187	0.022	0.368	0.001	0.001	0.007	---	---	20
21	---	---	0.1908	0.948	0.182	0.013	0.386	0.001	0.001	0.010	---	---	21
22	---	---	0.2508	0.517	0.145	0.004	0.403	0.001	0.002	0.012	---	---	22
23	---	---	0.2408	0.488	0.148	0.013	0.304	0.001	0.002	0.011	---	---	23
24	---	---	0.2758	0.429	0.135	0.012	0.187	0.008	0.002	0.011	---	---	24
25	---	---	0.3228	0.404	0.118	0.001	0.113	0.038	0.002	0.0088	---	---	25
26	---	---	0.3058	0.372	0.105	0.001	0.108	0.015	0.002	0.0108	---	---	26
27	---	---	0.3118	0.368	0.102	0.001	0.115	0.002	0.002	0.0108	---	---	27
28	---	---	0.3688	0.379	0.106	0.001	0.094	0.001	0.002	0.0078	---	---	28
29	---	---	0.3858	0.398	0.106	0.005	0.070	0.001	0.002	0.0038	---	---	29
30	---		0.4508	0.371	0.102	0.026	0.081	0.001	0.003	0.0038	---	---	30
31	---		0.5858		0.127		0.071	0.001		0.0028		---	31
TOTAL	---	---	6.129	21.121	6.378	2.388	8.084	0.473	0.409	0.172	---	---	TOTAL
MEAN	---	---	0.198	0.704	0.206	0.080	0.261	0.015	0.014	0.006	---	---	MEAN
MAX	---	---	0.585	1.51	0.377	0.264	0.590	0.083	0.135	0.012	---	---	MAX
MIN	---	---	0.119	0.368	0.102	0.001	0.004	0.001	0.001	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.184
MAXIMUM DAILY, 1.51B ON APR 12
MINIMUM DAILY, 0.001 ON JUN 25
MAXIMUM INSTANTANEOUS,
1.90 AT 08:41 MST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 20 N
LONG 112 01 00 W
DRAINAGE AREA, 2 510 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	698
FEB	---	AUG	40.9
MAR	530	SEP	35.3
APR	1 820	OCT	14.8
MAY	551	NOV	---
JUN	208	DEC	---

TOTAL DISCHARGE, 3 900 dam³

ANTELOPE COULEE SPILLWAY - STATION NO. 05BN010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.193	0.203	0.180	0.108	0.037	0.044	0	---	1
2	---	---	---	---	0.173	0.422	0.158	0.112	0.037	0.042	0.001	---	2
3	---	---	---	---	0.181	0.266	0.158	0.088	0.037	0.040	0.001A	---	3
4	---	---	---	---	0.144	0.240	0.150	0.081	0.038	0.038	---	---	4
5	---	---	---	---	0.135	0.228	0.148	0.078	0.041	0.037	---	---	5
6	---	---	---	---	0.127	0.212	0.134	0.077	0.048	0.035	---	---	6
7	---	---	---	---	0.117	0.238	0.127	0.076	0.047	0.034	---	---	7
8	---	---	---	---	0.108	1.58	0.120	0.077	0.047	0.038	---	---	8
9	---	---	---	---	0.117	1.83	0.118	0.078	0.047	0.043	---	---	9
10	---	---	---	---	0.130	0.290	0.118	0.073	0.047	0.040	---	---	10
11	---	---	---	---	0.122	0.210	0.118	0.075	0.050	0.041	---	---	11
12	---	---	---	---	0.114	0.470	0.118	0.074	0.048	0.039	---	---	12
13	---	---	---	---	0.119	0.320	0.120	0.075	0.047	0.033	---	---	13
14	---	---	---	---	0.140	0.176	0.152	0.073	0.048	0.023	---	---	14
15	---	---	---	---	0.140	0.180	0.134	0.072	0.052	0.222	---	---	15
16	---	---	---	---	0.151	0.270	0.128	0.072	1.15	0.370	---	---	16
17	---	---	---	---	0.145	0.157	0.127	0.072	0.867	0.368	---	---	17
18	---	---	---	---	0.141	0.150	0.123	0.071	0.181	0.359	---	---	18
19	---	---	---	---	0.145	0.148	0.106	0.067	0.058	0.319	---	---	19
20	---	---	---	---	0.184	0.147	0.108	0.068	0.485	0.228	---	---	20
21	---	---	---	---	0.185	0.144	0.108	0.080	0.408	0.118	---	---	21
22	---	---	---	---	0.187	0.145	0.106	0.053	0.056	0.053	---	---	22
23	---	---	---	---	0.187	0.143	0.108	0.050	0.051	0.018	---	---	23
24	---	---	---	---	0.158	0.138	0.121	0.048	0.052	0.006	---	---	24
25	---	---	---	0.351A	0.158	0.135	0.121	0.046	0.052	0.002	---	---	25
26	---	---	---	0.354	0.165	0.138	0.140	0.045	0.049	0.002	---	---	26
27	---	---	---	0.333	0.179	0.136	0.132	0.043	0.050	0	---	---	27
28	---	---	---	0.315	0.180	0.152	0.124	0.043	0.050	0	---	---	28
29	---	---	---	0.275	0.184	0.184	0.115	0.041	0.049	0	---	---	29
30	---		---	0.225	0.212	0.159	0.107	0.039	0.046	0	---	---	30
31	---		---		0.222		0.089	0.038		0		---	31
TOTAL	---	---	---	---	4.724	9.171	3.898	2.068	4.413	2.588	---	---	TOTAL
MEAN	---	---	---	---	0.152	0.306	0.126	0.067	0.147	0.083	---	---	MEAN
MAX	---	---	---	---	0.222	1.83	0.180	0.112	1.15	0.370	---	---	MAX
MIN	---	---	---	---	0.108	0.138	0.089	0.038	0.038	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.148
MAXIMUM DAILY, 1.83 ON JUN 9
MINIMUM DAILY, 0 ON OCT 27

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 20 N
LONG 112 09 40 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	337
FEB	---	AUG	179
MAR	---	SEP	381
APR	---	OCT	224
MAY	408	NOV	---
JUN	792	DEC	---

TOTAL DISCHARGE, 2 320 dam³

ATABASCA RIVER NEAR OLD FORT - STATION NO. 07DD011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	210.879	---	211.054	211.483	212.348	211.943	212.851	212.007	212.342	211.855	211.956	211.804	1
2	210.881	---	211.057	211.517	212.388	212.126	212.832	211.985	212.382	211.836	212.017	211.789	2
3	210.844	---	211.077	211.557	212.410	212.288	212.871	212.037	212.475	211.810	212.087	211.749	3
4	210.821	---	211.088	211.592	212.438	212.368	212.898	212.109	212.523	211.691	212.123	211.746	4
5	210.821	---	211.108	211.636	212.424	212.421	213.107	212.181	212.526	211.580	212.072	211.748	5
6	210.823	---	211.116	211.684	212.374	212.472	213.288	212.212	212.488	211.563	212.070	211.792	6
7	210.834	---	211.127	211.705	212.340	212.507	213.408	212.238	212.437	211.566	212.120	211.838	7
8	210.867	211.051	211.144	211.741	212.315	212.513	213.535	212.274	212.386	211.555	212.152	211.856	8
9	211.015	211.043	211.162	211.785	212.282	212.511	213.822	212.320	212.334	211.526	212.228	211.882	9
10	211.005	211.055	211.172	211.782	212.253	212.486	214.078	212.300	212.221	211.509	212.236	211.873	10
11	210.985	211.083	211.178	211.783	212.233	212.484	214.522	212.252	212.128	211.552	212.183	211.882	11
12	210.971	211.082	211.181	211.833	212.178	212.457	214.884	212.218	212.080	211.605	212.148	211.838	12
13	210.953	211.042	211.188	211.876	212.124	212.548	215.068	212.208	212.078	211.583	212.070	211.783	13
14	210.941	211.039	211.200	211.926	---	213.211	214.863	212.348	212.074	211.573	212.043	211.741	14
15	210.922	211.021	211.220	212.058	---	214.177	214.871	212.528	212.073	211.548	212.045	211.728	15
16	210.918	211.028	211.226	212.167	---	214.514	214.821	212.541	212.108	211.538	212.041	211.720	16
17	210.888	210.982	211.225	212.271	---	214.512	214.720	212.474	212.097	211.528	212.001	211.783	17
18	210.888	210.976	211.242	212.408	---	214.422	214.864	212.388	212.018	211.512	211.936	211.788	18
19	210.885	210.974	211.233	212.723	---	214.237	214.827	212.383	211.928	211.503	211.873	211.801	19
20	210.878	210.989	211.255	212.919	---	213.989	214.257	212.317	211.859	211.485	211.835	211.789	20
21	210.883	210.980	211.239	212.988	---	213.713	213.823	212.257	211.813	211.488	211.808	211.762	21
22	210.881	211.001	211.229	212.972	---	213.487	213.548	212.220	211.755	211.477	211.776	211.788	22
23	210.878	211.012	211.265	213.007	---	213.436	213.198	212.220	211.737	211.484	211.754	211.747	23
24	210.905	211.014	211.268	213.198	---	213.376	212.888	212.244	211.733	211.471	211.717	211.714	24
25	210.900	211.034	211.269	213.488	212.264	213.314	212.585	212.302	211.783	211.486	211.727	211.676	25
26	210.911	211.038	211.342	213.323	212.168	213.222	212.287	212.430	211.786	211.448	211.748	211.652	26
27	210.924	211.048	211.388	213.230	212.098	213.108	212.080	212.478	211.784	211.388	211.786	211.620	27
28	210.942	211.040	211.390	212.373	212.050	212.983	212.002	212.481	211.724	212.118	211.781	211.607	28
29	210.959	211.050	211.415	212.264	211.980	212.854	211.986	212.424	211.685	212.077	211.810	211.615	29
30	210.980		211.421	212.301	211.889	212.787	212.010	212.380	211.671	212.041	211.828	211.622	30
31	---		211.441		211.854		212.030	212.327		212.024		211.691	31
MEAN	---	---	211.223	212.252	---	213.086	213.516	212.282	212.086	211.803	211.888	211.750	MEAN
MAX	---	---	211.441	213.488	---	214.514	215.068	212.541	212.526	212.118	212.228	211.873	MAX
MIN	---	---	211.054	211.483	---	211.943	211.986	211.671	211.388	211.717	211.691	211.691	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 215.068 ON JUL 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 22 28 N
LONG 111 31 18 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ATHABASCA RIVER ABOVE JACKFISH CREEK - STATION NO. 07DD007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	209.084	---	---	209.400	---	209.457	210.188	210.376	210.002	209.534	209.248	209.277	1
2	209.098	---	---	209.404	---	---	210.241	210.288	209.886	209.546	209.323	209.290	2
3	---	209.188	---	209.412	---	---	210.271	210.288	210.020	209.421	209.282	209.277	3
4	---	---	---	---	---	---	210.289	210.204	210.026	209.400	209.286	209.278	4
5	---	---	---	---	---	---	210.287	210.233	210.034	209.442	209.287	209.271	5
6	209.099	---	---	---	---	---	210.484	210.187	210.021	209.485	209.385	209.285	6
7	209.079	---	---	---	---	---	210.452	210.138	210.033	209.435	209.388	209.330	7
8	---	---	---	---	---	---	210.485	210.089	209.883	209.407	209.351	209.386	8
9	---	---	---	---	---	---	210.583	210.080	209.946	209.407	209.382	209.383	9
10	---	---	---	---	---	---	210.830	210.070	209.913	209.436	209.373	209.407	10
11	---	---	---	---	209.886	---	210.788	210.052	209.845	209.438	209.381	209.418	11
12	---	---	---	---	209.882	---	210.886	209.976	209.817	209.446	209.374	209.418	12
13	---	---	---	---	209.885	---	211.054	209.979	209.808	209.443	209.340	209.408	13
14	---	---	---	---	209.870	210.048	210.887	210.027	209.840	209.427	209.311	209.381	14
15	---	---	---	209.878	209.812	---	211.010	210.095	---	209.414	209.286	209.378	15
16	---	---	---	209.735	209.843	210.724	211.058	210.104	---	209.400	209.288	209.381	16
17	---	---	209.383	209.774	209.880	210.782	211.058	210.083	---	209.380	209.282	209.403	17
18	---	---	---	209.810	209.908	210.864	211.085	210.045	---	209.389	209.256	209.433	18
19	209.124	---	---	---	209.885	210.848	211.117	210.034	---	209.444	209.236	209.452	19
20	---	---	---	---	209.880	210.587	211.140	210.014	---	209.519	209.202	209.458	20
21	---	---	---	---	209.814	210.522	211.110	210.004	209.829	209.487	209.180	209.480	21
22	---	---	---	---	209.885	210.554	211.048	210.013	209.854	209.886	209.202	209.484	22
23	---	---	---	---	209.771	210.583	210.980	210.081	209.845	209.361	209.211	209.467	23
24	---	---	209.419	---	209.764	210.545	210.818	210.081	209.574	209.372	209.204	209.458	24
25	---	209.249	---	---	209.898	210.508	210.848	210.051	209.883	209.378	209.206	209.452	25
26	---	---	---	---	209.852	210.472	210.788	209.885	209.818	209.888	209.218	209.448	26
27	---	---	---	---	209.804	210.418	210.877	209.883	209.582	209.807	209.238	209.438	27
28	---	---	---	---	209.814	210.389	210.802	210.011	209.867	209.317	209.256	209.440	28
29	---	---	209.414	---	209.832	210.298	210.838	210.007	209.847	209.277	209.277	209.455	29
30	---		209.394	---	209.882	210.217	210.478	209.987	209.548	209.261	209.286	209.483	30
31	---		209.388		209.483		210.442	210.017		209.257		209.488	31
MEAN	---	---	---	---	---	---	210.726	210.083	---	209.430	209.283	209.387	MEAN
MAX	---	---	---	---	---	---	211.140	210.376	---	209.888	209.381	209.488	MAX
MIN	---	---	---	---	---	---	210.188	209.976	---	209.257	209.180	209.271	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 211.140 ON JUL 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 25 00 N
LONG 110 55 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

DRAINAGE AREA,
159 000 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ATHABASCA RIVER AT ATHABASCA - STATION NO. 07BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	56.0B	56.4B	59.2B	55.8B	245	387	782	532A	448	242A	186	105 B	1
2	54.0B	56.0B	61.0B	55.3B	234	406	880	491A	429	241A	148	103 B	2
3	52.0B	56.5B	64.0B	100 B	228	417	847	457A	444	238A	151	101 B	3
4	57.5B	56.8B	66.0B	101 B	228	388	787	442A	409	225A	155	97.0B	4
5	58.0B	57.0B	69.0B	102 B	225	367	726	448A	371	224A	153	91.8B	5
6	55.8B	56.0B	70.8B	55.3B	219	383	718	434A	351	274A	150	84.0B	6
7	56.9B	53.5B	71.3B	55.0B	206	345	900	411A	388	270	148	80.0B	7
8	55.6B	58.8B	71.6B	103 B	188	340	1 410	419A	377	262	148	78.0B	8
9	55.7B	57.4B	72.4B	112 B	181	385	1 580	476	388	254	144	84.0B	9
10	55.6B	55.0B	73.3B	120 B	187	501	1 570	617	388	248	140 B	88.0B	10
11	55.5B	55.0B	74.8B	129 B	182	1 010	1 410	642	417	245	138 B	94.0B	11
12	55.4B	56.0B	77.6B	141 B	178	1 340	1 280	587	405	242	137 B	88.8B	12
13	55.3B	57.0B	77.8B	154 B	178	1 330	1 180	568A	348	238	133 B	85.8B	13
14	55.1B	57.5B	78.0B	167 B	188	1 320	1 200	586A	323A	231	128 B	83.3B	14
15	55.3B	58.0B	78.5B	174 B	238	1 220	1 280A	532A	303A	228	120 B	81.1B	15
16	55.3B	58.5B	79.7B	179	328	1 080	1 280A	493A	289A	227	115 B	80.0B	16
17	57.2B	58.5B	82.4B	180	493	906	1 090A	484	278A	226	110 B	85.5B	17
18	59.6B	58.0B	83.8B	193	856	847	963A	472	273A	227	110 B	81.5B	18
19	61.4B	58.5B	84.1B	204	695	833	879A	480	272A	231	105 B	79.0B	19
20	62.3B	58.5B	84.0B	221	426	867	790A	503	280A	238	100 B	77.2B	20
21	63.6B	58.5B	84.5B	244	387	893	700A	563	300A	226	96.0B	77.5B	21
22	65.1B	58.0B	88.0B	271	383	880	648A	622	277A	214	94.0B	78.5B	22
23	66.1B	57.5B	91.5B	280	348	794	604A	614	261A	204	94.0B	80.0B	23
24	67.8B	57.5B	92.2B	287	313	723	567A	589	288A	200	94.0B	81.4B	24
25	67.1B	57.5B	92.6B	304	291	672	580A	548	283A	195	98.0B	78.0B	25
26	68.3B	58.0B	93.4B	293	283	671	588A	512	249A	191	100 B	78.0B	26
27	67.8B	58.0B	94.7B	280	310	732	561A	485	248A	187	103 B	76.0B	27
28	67.1B	58.5B	97.8B	288	394	738	512A	470	242A	193	105 B	74.0B	28
29	67.1B	59.0B	102 B	258	389	686	473A	476	240A	181	108 B	74.0B	28
30	66.7B		99.8B	256	384	700	500A	472	236A	179	108 B	74.0B	30
31	66.7B		97.4B		375		514A	466		181		78.0B	31
TOTAL	1 891.7	1 732.2	2 513.7	5 512.4	9 296	22 098	27 749	15 881	9 753	6 838	3 681.0	2 639.8	TOTAL
MEAN	61.0	59.7	81.1	184	300	737	895	512	325	224	123	85.2	MEAN
MAX	68.3	67.0	102	304	856	1 340	1 580	642	448	274	158	105	MAX
MIN	55.1	55.0	59.2	55.3	178	340	473	411	238	181	94.0	74.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 300
MAXIMUM DAILY, 1 580 ON JUL 9
MINIMUM DAILY, 55.0B ON FEB 10
MAXIMUM INSTANTANEOUS,
1 620 AT 08:10 MST ON JUL 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 43 20 N
LONG 113 17 10 W
DRAINAGE AREA, 74 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	163 000	JUL	2 400 000
FEB	150 000	AUG	1 370 000
MAR	217 000	SEP	843 000
APR	476 000	OCT	589 000
MAY	803 000	NOV	318 000
JUN	1 910 000	DEC	228 000

TOTAL DISCHARGE, 9 480 000 dam³

ATHABASCA RIVER AT HINTON - STATION NO. 07AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.8B	24.8B	30.3B	30.0	84.3	257	404	288	247	148	73.3A	58.0B	1
2	24.7B	25.1B	31.1B	31.5	80.0	238	382	278	235	163	74.8A	57.0B	2
3	24.6B	26.8B	31.1B	32.7	73.8	221	318	280A	227	150	85.9A	55.0B	3
4	24.3B	28.7B	31.4B	31.7	70.0	212	336	258A	243	140	81.9A	53.0B	4
5	24.1B	26.9B	31.8B	31.9	89.0	226	323	268A	288	135	72.5A	50.0B	5
6	23.9B	26.9B	30.8B	30.4	88.1	247	328	353A	274	133	72.0A	48.0B	6
7	23.8B	26.2B	30.2B	32.0	86.5	347	358	458A	268	138 A	70.4A	44.5B	7
8	23.7B	26.4B	32.7B	31.1	86.1	525	345	434A	310	125 A	65.7A	40.0B	8
9	23.5B	25.8B	33.1B	29.8	73.0	648	324	377	242A	125 A	66.8A	37.0B	9
10	23.4B	25.0B	30.7B	30.3	88.5	580	324	361	203A	117 A	60.8A	35.0B	10
11	23.4B	26.7B	28.7B	30.9	139	488	338	383	182A	113 A	58.5A	33.0B	11
12	23.3B	26.7B	26.8B	33.3	187	428	374	322	186A	114 A	63.6A	32.0B	12
13	23.3B	25.8B	26.1B	34.8	257	371	411	299	152A	119 A	61.8A	30.5B	13
14	23.2B	25.2B	29.3B	36.3	337	330	372	284	156A	119 A	61.1A	30.0B	14
15	23.2B	26.4B	29.4B	42.8	341	344	333	268	168A	126 A	49.0B	29.9B	15
16	23.2B	28.0B	27.3B	54.0	281	391	302	295	185A	133 A	46.0B	30.0B	16
17	23.2B	26.0B	25.1B	64.8	237	447	274	322	188A	116 A	48.5B	30.5B	17
18	23.3B	27.7B	26.5B	74.9	252	494	254	348	170A	104 A	49.5B	30.7B	18
19	23.3B	28.9B	28.2B	81.5	232	510	236	367	145A	89.5A	47.2B	31.5B	19
20	23.3B	34.1B	27.8B	86.4	197	474	234	342	136A	83.6A	46.9B	31.8B	20
21	23.4B	31.0B	27.8B	83.5	177	428	257	312	127A	80.8A	50.9B	32.0B	21
22	23.6B	28.3B	26.9B	80.5	170	390	286	287A	117A	88.1A	56.4B	31.0B	22
23	23.8B	26.6B	24.9B	83.2	186	413	320	270A	117A	84.7A	54.0B	30.0B	23
24	23.7B	25.5B	26.4B	92.3	280	458	297	268A	115	84.9A	51.0B	29.0B	24
25	23.8B	26.4B	26.3B	89.8	313	452	266	288A	112	86.8A	50.0B	28.5B	25
26	23.9B	30.6B	27.5B	84.5	281	411	285	298	110	82.8A	51.0B	28.2B	26
27	24.1B	34.2B	27.6B	78.9	280	420	308	300	108	77.2A	54.0B	28.0B	27
28	24.2B	33.3B	28.1B	74.5	250	481	334	283	109	72.8A	58.0B	28.2B	28
29	24.4B	31.8B	27.9B	77.6	265	477	320	290	100	68.3A	58.0B	28.5B	29
30	24.6B		26.7B	81.7	279	447	285	298	102	68.1A	60.0B	29.0B	30
31	24.7B		31.9B		265		289	299		70.8A		28.2B	31
TOTAL	737.3	813.5	897.3	1 729.5	5 930.4	12 132	9 797	9 802	5 288	3 388.5	1 803.7	1 110.0	TOTAL
MEAN	23.8	28.1	28.9	57.7	191	404	316	316	176	109	60.1	35.8	MEAN
MAX	24.8	34.2	33.1	86.4	341	648	411	459	310	163	85.9	58.0	MAX
MIN	23.2	24.8	24.9	29.8	85.5	212	234	258	100	68.3	47.2	28.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 148
MAXIMUM DAILY, 648 ON JUN 9
MINIMUM DAILY, 23.2B ON JAN 14
MAXIMUM INSTANTANEOUS,
884 AT 13:07 MST ON JUN 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 39 N
LONG 117 35 11 W
DRAINAGE AREA, 8 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	63 700	JUL	845 000
FEB	70 300	AUG	847 000
MAR	77 500	SEP	457 000
APR	149 000	OCT	291 000
MAY	512 000	NOV	156 000
JUN	1 050 000	DEC	95 900

TOTAL DISCHARGE, 4 820 000 dam³

ATHABASCA RIVER BELOW MCMURRAY - STATION NO. 07DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	104 B	110 B	113B	188B	522	531	1 000	832	718	410	358B	185B	1
2	102 B	110 B	114B	175B	521	640	1 010	827	718	409	358B	190B	2
3	102 B	109 B	115B	185B	504	653	1 070	828	703	404	358B	193B	3
4	110 B	109 B	117B	187B	483	677	1 130	800	682	401	340B	198B	4
5	118 B	108 B	117B	188B	447	701	1 170	781	669	402	325B	200B	5
6	116 B	108 B	117B	188B	439	708	1 210	728	659	388	310B	198B	6
7	113 B	108 B	116B	186B	444	712	1 310	711	628	386	295B	194B	7
8	111 B	108 B	118B	184B	437	713	1 330	667	588	381	280B	192B	8
9	107 B	107 B	119B	198B	427	685	1 550	671	585	430	265B	181B	9
10	104 B	106 B	121B	203B	416	667	2 090	656	582	430	252B	188B	10
11	101 B	104 B	123B	211B	406	722	2 180	663	577	419	242B	181B	11
12	98.2B	101 B	125B	215B	403	845	2 080	787	588	411	233B	188B	12
13	94.0B	97.3B	127B	227B	387	1 280A	1 920	848	568	406	222B	186B	13
14	92.4B	95.4B	128B	239B	389	1 700	1 980	825	803	402	212B	187B	14
15	92.1B	94.8B	130B	262B	382	1 720	1 950	772	877	387	208B	187B	15
16	92.3B	95.0B	130B	280B	384	1 700	1 870	750	831	391	200B	180B	16
17	90.5B	96.1B	131B	298B	388	1 580	2 020	738	802	386	198B	177B	17
18	88.6B	96.7B	134B	310B	422	1 390	1 900	707	686	378	190B	178B	18
19	88.5B	99.1B	138B	330B	531	1 250	1 720	683	686	377	182B	178B	19
20	91.3B	103 B	137B	350B	674	1 180	1 570	672	653	376	178B	188B	20
21	92.4B	106 B	138B	365B	695	1 130	1 490	683	648	379	178B	188B	21
22	93.8B	107 B	140B	385B	814	1 130	1 340	695	657	381	172B	183B	22
23	96.6B	109 B	142B	400B	870	1 130	1 250	748	688	383	170B	187B	23
24	97.2B	107 B	144B	430B	861	1 110	1 170	807	672	380	170B	188B	24
25	99.3B	109 B	148B	480B	842	1 040	1 090	819	656	371	170B	190B	25
26	100 B	110 B	147B	480B	805	974	1 030	805	649	364B	170B	182B	26
27	102 B	110 B	149B	500B	813	924	992	770	639	383B	172B	182B	27
28	105 B	110 B	154B	520B	496	902	972	736	632	347B	172B	187B	28
29	107 B	112 B	157B	528	484	958	942	701	620	343B	176B	180B	29
30	109 B		158B	523	516	997	889	682	616	342B	160B	132B	30
31	108 B		160B		516		843	707		385B		126B	31
TOTAL	3 127.4	3 047.4	4 105	8 177	15 101	30 439	44 128	23 058	16 314	12 014	6 928	5 232	TOTAL
MEAN	101	105	132	308	487	1 010	1 420	744	544	388	231	169	MEAN
MAX	118	112	160	528	674	1 720	2 190	848	718	430	358	200	MAX
MIN	88.6	94.8	113	188	382	831	843	656	418	342	170	126	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 472
MAXIMUM DAILY, 2 190 ON JUL 11
MINIMUM DAILY, 88.6B ON JAN 18
MAXIMUM INSTANTANEOUS,
2 200 AT 14:41 MST ON JUL 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 46 50 N
LONG 111 24 00 W
DRAINAGE AREA, 133 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	270 000	JUL	3 810 000
FEB	283 000	AUG	1 880 000
MAR	355 000	SEP	1 410 000
APR	793 000	OCT	1 040 000
MAY	1 300 000	NOV	599 000
JUN	2 830 000	DEC	452 000

TOTAL DISCHARGE, 14 900 000 dam³

ATHABASCA RIVER NEAR JASPER - STATION NO. 07AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.18B	10.8 B	13.4	10.4E	32.6	113	178	168	137	85.8	38.5	25.1B	1
2	9.97B	9.44B	12.7	11.0E	29.7	106	154	138	143	78.8	50.6	24.0B	2
3	10.6 B	9.48B	12.1	10.9E	27.2	99.8	143	141	160	70.4	41.5	22.0B	3
4	11.0 B	9.10B	11.8	10.7E	26.2	110	162	155	168	67.5	37.7	20.0B	4
5	11.1 B	9.32B	11.5	10.6E	25.1	114	182	209	184	69.7	36.5	19.2B	5
6	11.3 B	9.08B	11.2	10.3E	24.8	178	195	292	205	71.2	36.3	18.3B	6
7	11.3 B	9.74B	10.8	10.2E	25.4	287	173	255	238	70.7	36.1	17.6B	7
8	10.9 B	9.80B	10.6	10.1E	29.4	364	158	211	148	69.9	31.4	17.2B	8
9	11.1 B	9.40B	10.8	10.2E	39.7	311	189	208	119	83.7	25.9	16.9B	9
10	11.6 B	9.61B	10.6	10.6E	89.3	250	178	224	107	83.7	28.1	16.4B	10
11	11.6 B	9.92B	10.0	12.1A	81.1	215	216	182	94.9	85.8	32.4	16.1B	11
12	11.7 B	9.87B	9.82	12.7	107	174	280	167	87.6	70.3	30.1	15.8B	12
13	11.6 B	9.58B	9.80	13.1	156	148	213	188	80.7	70.8	28.6	15.6B	13
14	11.6 B	9.60B	9.33	15.0	173	155	183	180	102	83.6	24.2	15.4B	14
15	12.0 B	9.89B	9.50	18.0	131	187	182	172	112	83.1	19.5B	15.2B	15
16	11.8 B	10.1 B	9.80	23.4	111	237	163	178	114	68.7	22.9B	15.0B	16
17	11.6 B	10.3 B	9.97	28.1	129	280	132	227	96.3	57.4	24.5B	14.9B	17
18	11.7 B	10.4 B	10.2	38.9	116	285	122	237	80.2	49.9	23.4B	14.7B	18
19	11.3 B	10.6 B	10.3	49.9	95.7	264	123	208	73.2	47.4	22.7B	14.6B	19
20	11.1 B	10.9 B	10.6	48.6	85.3	231	142	184	68.5	44.8	23.4B	14.3B	20
21	11.1 B	10.6 B	10.6	43.4	80.8	200	177	162	83.0	42.6	23.3B	14.3B	21
22	11.4 B	10.1 B	10.2	42.3	92.9	223	207	150	58.3	50.3	24.0B	14.3B	22
23	11.2 B	10.0 B	10.1	41.6	138	272	178	155	55.4	46.1	24.0B	14.2B	23
24	10.8 B	10.2 B	10.3	40.8	180	267	155	182	53.4	42.3	20.3B	14.2B	24
25	10.8 B	10.6 B	10.0	38.1	137	226	183	186	51.2	39.1	20.7B	14.1B	25
26	10.4 B	11.2 B	9.87	33.2	127	240	198	200	50.6	38.4	22.3B	14.1B	26
27	10.2 B	11.6 B	9.82	31.0	123	271	233	195	48.1	33.7	22.0B	14.0B	27
28	10.3 B	12.6 B	9.31	31.8	125	285	205	194	46.8	28.6	23.4B	14.0B	28
29	9.88B	13.8 B	9.65	35.4	137	250	173	204	45.7	27.4	25.0B	14.0B	29
30	10.0 B		9.64A	36.2	124	228	185	207	70.6	35.3	25.2B	14.0B	30
31	10.5 B		9.80E		122		184	148		33.8		14.0B	31
TOTAL	340.72	289.02	320.42	736.8	2 873.3	5 578.8	5 476	5 886	3 098.9	1 788.2	843.4	503.8	TOTAL
MEAN	11.0	10.3	10.3	24.5	92.7	219	177	190	103	57.0	28.1	16.3	MEAN
MAX	12.0	13.8	13.4	48.9	173	364	280	292	235	85.8	50.6	25.1	MAX
MIN	9.18	9.10	9.33	10.1	24.8	99.8	122	138	45.7	27.4	19.5	14.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.6
MAXIMUM DAILY, 364 ON JUN 8
MINIMUM DAILY, 8.33 ON MAR 14
MAXIMUM INSTANTANEOUS,
383 AT 09:28 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 36 N
LONG 118 03 26 W
DRAINAGE AREA, 3 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 400	JUL	473 000
FEB	25 600	AUG	508 000
MAR	27 700	SEP	288 000
APR	63 600	OCT	153 000
MAY	248 000	NOV	72 800
JUN	558 000	DEC	43 500

TOTAL DISCHARGE, 2 480 000 dam³

ATHABASCA RIVER NEAR WINDFALL - STATION NO. 07AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	50.5B	87.0B	127	301	526	311	307	114	88.1	---	1
2	---	---	50.2B	83.0B	128	295	476	315	281	151	100 A	---	2
3	---	---	49.1B	89.0B	122	277	422	308	245	177	---	---	3
4	---	---	49.0B	88.0B	114	260	388	294	248	189	---	---	4
5	---	48.8B	48.0B	88.5B	109 A	253	391	288	283	158	---	---	5
6	---	---	50.4B	88.5B	100 E	272	387	308	285	183	---	---	6
7	---	---	51.1B	70.0B	95.0E	288	464	380	284	151	---	---	7
8	---	---	50.2B	74.0B	85.0E	426	495	484	308	152	---	---	8
9	---	---	49.8B	77.0B	84.0E	558	431	464	315	148	---	---	9
10	---	---	51.0B	80.0B	90.0E	761	410	402	285	145	---	---	10
11	---	---	52.5B	75.0B	120 E	703	381	384	224	140	---	---	11
12	---	---	50.0B	89.0B	180 E	747	389	388	208	127	---	---	13
13	---	---	49.1B	70.0B	200 E	683	446	349	188	138	---	---	13
14	---	---	48.2B	85.0B	280 E	536	483	324	175	141	---	---	14
15	---	---	47.2B	100 B	310 E	484	436	317	175	142	---	---	15
16	---	---	48.2B	108 B	385 E	456	382	322	190	149	---	---	16
17	---	---	48.8B	106	335 E	483	368	322	208	157	---	---	17
18	---	---	48.0B	127	283 A	527	324	289	207	142	---	---	18
19	---	---	48.0B	139	288	559	302	288	190	128	---	---	19
20	---	---	50.0B	162	281	582	283	298	171	123	---	---	20
21	---	---	52.0B	172	247	530	277	288	162	114	---	---	21
22	---	---	49.0B	165	228	473	284	336	154	118	---	---	22
23	---	---	52.0B	168	217	440	324	312	143	107	---	---	23
24	---	---	52.0B	156	240	488	346	293	137	113	---	---	24
25	---	43.1B	52.5B	162	321	502	323	281	134	113	---	---	25
26	---	42.1B	52.5B	146	349	492	289	307	133	109	---	---	26
27	---	43.2B	52.5B	136	319	455	314	314	131	104	---	---	27
28	---	47.0B	52.0B	130	298	485	335	315	130	98.4	---	---	28
29	---	50.2B	56.0B	124	282	524	384	308	132	87.1B	---	---	29
30	---		50.0B	125	295	548	347	305	124	79.2B	---	---	30
31	---		53.0B		314		318	313		86.0B		---	31
TOTAL	---	---	1 589.4	3 208.0	8 758.0	14 377	11 703	10 873	6 081	4 043.7	---	---	TOTAL
MEAN	---	---	51.3	107	283	479	378	341	203	130	---	---	MEAN
MAX	---	---	63.0	172	385	781	526	484	315	177	---	---	MAX
MIN	---	---	47.2	69.0	84.0	283	277	288	124	79.2	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 238
MAXIMUM DAILY, 781 ON JUN 10
MINIMUM DAILY, 47.2B ON MAR 15
MAXIMUM INSTANTANEOUS,
782 AT 02:38 MST ON JUN 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 35 N
LONG 118 03 48 W
DRAINAGE AREA, 18 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 010 000
FEB	---	AUG	814 000
MAR	137 000	SEP	528 000
APR	277 000	OCT	349 000
MAY	584 000	NOV	---
JUN	1 240 000	DEC	---

TOTAL DISCHARGE, 5 040 000 dam³

ATIM CREEK NEAR SPRUCE GROVE - STATION NO. 05EA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1218	0.156	0.221	0.140	0.157	0.082	0.128	0.116	---	---	1
2	---	---	0.1208	0.161	0.120	0.114	0.085	0.085	0.108	0.108	---	---	2
3	---	---	0.1198	0.167	0.108	0.089	1.81	0.084	0.108	0.132	---	---	3
4	---	---	0.1188	0.156	0.103	0.085	0.892	0.092	0.098	0.114	---	---	4
5	---	---	0.1178	0.188	0.103	0.155	0.428	0.130	0.094	0.111	---	---	5
6	---	---	0.1188	0.156	0.110	0.187	3.48	0.270	0.081	0.113	---	---	6
7	---	---	0.1158	0.150	0.120	0.138	2.39	0.287	0.102	0.116	---	---	7
8	---	---	0.1148	0.132	0.112	0.151	0.881	0.170	0.117	0.120	---	---	8
9	---	---	0.1138	0.156	0.101	0.953	0.583	0.157	0.088	0.183	---	---	9
10	---	---	0.1368	0.179	0.105	0.413	0.438	0.131	0.089	0.151	---	---	10
11	---	---	0.1308	0.155	0.146	0.275	0.309	0.177	0.112	0.122	---	---	11
12	---	---	0.1188	0.137	0.116	0.373	0.241	0.140	0.120	0.126	---	---	12
13	---	---	0.1268	0.150	0.115	0.228	0.291	0.116	0.078	0.126	---	---	13
14	---	---	0.1308	0.150	0.152	0.163	0.288	0.110	0.050	0.125	---	---	14
15	---	---	0.1278	0.128	0.117	0.132	0.378	0.138	0.103	0.123	---	---	15
16	---	---	0.1218	0.125	0.124	0.128	0.244	0.200	0.095	0.120	---	---	16
17	---	---	0.1258	0.208	0.088	0.127	0.205	0.167	0.164	0.118	---	---	17
18	---	---	0.1408	0.127	0.103	0.110	0.175	0.342	0.124	0.117	---	---	18
19	---	---	0.1488	0.141	0.081	0.115	0.226	0.410	0.113	0.122	---	---	19
20	---	---	0.1538	0.158	0.081	0.108	0.163	0.333	0.134	0.141	---	---	20
21	---	---	0.1808	0.121	0.084	0.116	0.134	1.80	0.133	0.108	---	---	21
22	---	---	0.1668	0.138	0.087	0.106	0.148	0.702	0.158	0.120	---	---	22
23	---	---	0.1728	0.155	0.088	0.126	0.137	0.381	0.103	0.122	---	---	23
24	---	---	0.1708	0.124	0.080	0.158	0.103	0.270	0.108	0.122	---	---	24
25	---	---	0.1698	0.162	0.085	0.185	0.118	0.221	0.116	0.117	---	---	25
26	---	---	0.1618	0.104	0.083	0.129	0.125	0.180	0.173	0.123	---	---	26
27	---	---	0.1398	0.115	0.083	0.142	0.088	0.152	0.162	0.107A	---	---	27
28	---	---	0.1268	0.175	0.052	0.256	0.083	0.187	0.158	0.107E	---	---	28
29	---	08	0.1318	0.118	0.086	0.321	0.084	0.158	0.128	0.107E	---	---	29
30	---		0.1338	0.208	0.133	0.231	0.083	0.235	0.133	0.107E	---	---	30
31	---		0.1458		0.178		0.053	0.184		0.107E		---	31
TOTAL	---	---	4.171	4.505	3.305	5.047	14.888	8.084	3.455	3.719	---	---	TOTAL
MEAN	---	---	0.135	0.150	0.107	0.202	0.474	0.261	0.115	0.120	---	---	MEAN
MAX	---	---	0.172	0.208	0.221	0.953	3.48	1.80	0.173	0.183	---	---	MAX
MIN	---	---	0.114	0.104	0.052	0.085	0.083	0.082	0.050	0.108	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.205
MAXIMUM DAILY, 3.48 ON JUL 6
MINIMUM DAILY, 0.050 ON SEP 14
MAXIMUM INSTANTANEOUS,
5.73 AT 18:04 MST ON JUL 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 20 N
LONG 113 58 00 W
DRAINAGE AREA, 315 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 270
FEB	---	AUG	668
MAR	380	SEP	288
APR	389	OCT	321
MAY	288	NOV	---
JUN	522	DEC	---

TOTAL DISCHARGE, 3 780 dam³

ATIMOSWE CREEK NEAR ELK POINT - STATION NO. 05ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0048	0.0078	0.0038	0.007	0.008	0	0	0.031	0.0058	---	1
2	---	---	0.0048	0.0058	0.0028	0.004	0.005	0	0	0.040	---	---	2
3	---	---	0.0038	0.0108	0.003	0.002	0.004	0	0	0.037	---	---	3
4	---	---	0.0038	0.0188	0.001	0.001A	0.004	0	0	0.048	---	---	4
5	---	---	0.0028	0.0148	0.003	0.001E	0.004	0	0	0.048	---	---	5
6	---	---	0.0028	0.0328	0.002	0.001E	0.007	0	0	0.038	---	---	6
7	---	---	0.0018	0.0758	0.003	0.001E	0.010	0	0	0.083	---	---	7
8	---	---	0.0018	0.0618	0	0 E	0.009	0	0	0.078	---	---	8
9	---	---	0.0028	0.0388	0	0.001E	0.007	0	0	0.075	---	---	9
10	---	---	0.0048	0.0488	0	0.009E	0.008	0	0	0.070	---	---	10
11	---	---	0.0108	0.0548	0	0.004E	0.005	0	0	0.046	---	---	11
12	---	---	0.0098	0.0388	0	0.003E	0.004	0	0	0.043	---	---	12
13	---	---	0.0088	0.0298	0	0.003E	0.004	0	0	0.028	---	---	13
14	---	---	0.0068	0.0278	0.002	0.002E	0.008	0	0	0.010	---	---	14
15	---	---	0.0048	0.0218	0.001	0.001E	0.010	0	0.043	0.032	---	---	15
16	---	---	0.0058	0.0138	0	0.001E	0.008	0	0.031	0.008	---	---	16
17	---	---	0.0058	0.0078	0	0 E	0.007	0	0.028	0.003	---	---	17
18	---	---	0.0058	0.0058	0	0 E	0.008	0	0.002	0.007	---	---	18
19	---	---	0.0058	0.0038	0	0 E	0.008	0	0.027	0.004	---	---	19
20	---	---	0.0078	0.0028	0	0 E	0.008	0	0.022	0.008	---	---	20
21	---	---	0.0068	0.0048	0	0 E	0.004	0.002	0.040	0.008	---	---	21
22	---	---	0.0078	0.0028	0	0 E	0.003	0.005	0.027	0.0138	---	---	22
23	---	---	0.0138	0.0018	0	0.001E	0.002	0.008	0.043	0.0118	---	---	23
24	---	---	0.0168	0.0028	0	0.003E	0.001	0.007	0.048	0.0088	---	---	24
25	---	---	0.0168	0.0068	0	0.002E	0.001	0.008	0.027	0.0088	---	---	25
26	---	---	0.0148	0.0128	0	0 E	0	0.005	0.018	0.0088	---	---	26
27	---	---	0.0148	0.0108	0	0 E	0	0.004	0.014	0.0048	---	---	27
28	---	---	0.0088	0.0078	0	0 A	0	0.002	0.014	0.0038	---	---	28
29	---	---	0.0058	0.0048	0	0.005	0	0	0.017	0.0018	---	---	29
30	---		0.0038	0.0058	0.001	0.017	0	0	0.020	0.0018	---	---	30
31	---		0.0058		0.008		0	0		0.0038		---	31
TOTAL	---	---	0.200	0.553	0.029	0.086	0.137	0.037	0.419	0.755	---	---	TOTAL
MEAN	---	---	0.006	0.018	0.001	0.002	0.004	0.001	0.014	0.024	---	---	MEAN
MAX	---	---	0.015	0.075	0.008	0.017	0.010	0.007	0.048	0.078	---	---	MAX
MIN	---	---	0.001	0.001	0	0	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.078 ON OCT 8
MINIMUM DAILY, 0 ON MAY 8
MAXIMUM INSTANTANEOUS,
0.280 AT 07:48 MST ON SEP 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 10 N
LONG 110 55 10 W
DRAINAGE AREA, 384 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	11.8
FEB	---	AUG	3.20
MAR	17.3	SEP	38.2
APR	47.8	OCT	65.2
MAY	2.61	NOV	---
JUN	5.70	DEC	---

TOTAL DISCHARGE, 190 dam³

BABSTTE CREEK NEAR COLINTON - STATION NO. 07CA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0	0.002	0.001	0.028	0.006	0	---	---	1
2	---	---	0B	0B	0	0.001	0.001	0.018	0.006	0	---	---	2
3	---	---	0B	0B	0	0.001	0.002	0.008	0.005	0	---	---	3
4	---	---	0B	0B	0	0.001	0.002	0.010	0.004	0	---	---	4
5	---	---	0B	0B	0	0.001	0.001	0.011	0.002	0	---	---	5
6	---'	---	0B	0B	0	0.001	0.008	0.040	0.004	0	---	---	6
7	---	---	0B	0B	0	0.001	0.005	0.041	0.005	0	---	---	7
8	---	---	0B	0B	0	0.001	0.005	0.023	0.004	0	---	---	8
9	---	---	0B	0B	0	0.003	0.008	0.025	0.003	0	---	---	9
10	---	---	0B	0B	0	0.001	0.007	0.041	0.003	0	---	---	10
11	---	---	0B	0	0	0.004	0.005	0.017	0.002	0	---	---	11
12	---	---	0B	0	0	0.003	0.015	0.012	0.002	0	---	---	12
13	---	---	0B	0	0	0.002	0.186	0.008	0.001	0	---	---	13
14	---	---	0B	0	0	0.001	0.318	0.008	0.002	0	---	---	14
15	---	---	0B	0	0	0.001	0.341	0.005	0.001	0	---	---	15
16	---	---	0B	0	0.001	0.001	1.12	0.004	0.002	0	---	---	16
17	---	---	0B	0	0.001	0.001	1.05	0.003	0.001	0	---	---	17
18	---	---	0B	0	0.001	0.001	1.58	0.008	0.001	0	---	---	18
19	---	---	0B	0	0.001	0.001	1.80	0.010	0.001	0	---	---	19
20	---	---	0B	0	0.001	0.001	1.24	0.017	0	0	---	---	20
21	---	---	0B	0	0.001	0.001	0.718	0.033	0	0	---	---	21
22	---	---	0B	0	0.001	0.051	0.388	0.108	0	0	---	---	22
23	---	---	0B	0	0.001	0.104	0.284	0.052	0	0	---	---	23
24	---	---	0B	0	0.001	0.517	0.150	0.013	0	0	---	---	24
25	---	---	0B	0	0.001	0.038	0.150	0.012	0	0 B	---	---	25
26	---	---	0B	0	0.001	0.002	0.100	0.021	0	0.0018	---	---	26
27	---	---	0B	0	0.001	0.001	0.084	0.037	0	0.0018	---	---	27
28	---	---	0B	0	0.001	0.001	0.078	0.030	0	0.0018	---	---	28
29	---	---	0B	0	0.001	0.051	0.040	0.028	0	0.0018	---	---	29
30	---		0B	0	0.002	0.002	0.087	0.028	0	0.0018	---	---	30
31	---		0B		0.002		0.041	0.013		0.0028		---	31
TOTAL	---	---	0	0	0.018	0.898	9.882	0.710	0.080	0.007	---	---	TOTAL
MEAN	---	---	0	0	0.001	0.023	0.318	0.023	0.002	0	---	---	MEAN
MAX	---	---	0	0	0.002	0.517	1.80	0.108	0.006	0.002	---	---	MAX
MIN	---	---	0	0	0	0.001	0.001	0.003	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.046
MAXIMUM DAILY, 1.80 ON JUL 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.88 AT 19:54 MST ON JUL 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 39 10 N
LONG 113 04 45 W
DRAINAGE AREA, 222 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	855
FEB	---	AUG	61.3
MAR	0	SEP	5.18
APR	0	OCT	0.80
MAY	1.56	NOV	---
JUN	80.3	DEC	---

TOTAL DISCHARGE, 994 dam³

BAPTISTE LAKE NEAR ATHABASCA - STATION NO. 07BE002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	578.088	---	578.127	578.152	578.408	578.782	578.473	578.320	---	---	1
2	---	---	---	---	578.127	578.157	578.408	578.747	578.483	578.318	---	---	2
3	---	---	---	---	578.117	578.157	578.417	578.742	578.467	578.314	---	---	3
4	---	---	---	---	578.117	578.162	578.417	578.721	578.448	578.311	---	---	4
5	---	---	---	---	578.107	578.172	578.412	578.701	578.442	578.311	---	---	5
6	---	---	---	---	578.107	578.183	578.472	578.686	578.438	578.311	---	---	6
7	---	---	---	---	578.107	578.185	578.484E	578.681	578.436	578.308	---	---	7
8	---	---	---	---	578.107	578.185	578.786	578.686	578.438	578.308	---	---	8
9	---	---	---	---	578.107	578.201	578.672	578.646	578.414	578.308	---	---	9
10	---	---	---	---	578.107	578.223	578.650	578.638	578.408	578.308	---	---	10
11	---	---	---	---	578.117	578.282	578.688	578.626	578.381	578.308	---	---	11
12	---	---	---	---	578.117	578.312	578.688	578.625	578.388	578.308	---	---	12
13	---	---	---	---	578.117	578.332	578.629	578.625	578.382	578.308	---	---	13
14	---	---	---	---	578.122E	578.382	578.638	578.605	578.378	578.308	---	---	14
15	---	---	---	---	578.127	578.382	578.661	578.580	578.378	578.308	---	---	15
16	---	---	---	---	578.125	578.382	578.662	578.580	578.374	578.308	---	---	16
17	---	---	---	---	578.122E	578.377	578.639	578.588	578.378	578.308	---	---	17
18	---	---	---	---	578.117	578.388	578.644	578.570	578.388	578.308	---	---	18
19	---	---	---	578.132	578.117	578.387	578.634	578.578	578.361	578.301	---	---	19
20	---	---	---	---	578.117	578.387	578.623	578.578	578.347	578.301	---	---	20
21	---	---	---	---	578.117	578.387	578.893	578.584	578.343	578.301	---	---	21
22	---	---	---	---	578.117E	578.387	578.846	578.579	578.338	578.301	---	---	22
23	---	---	---	---	578.117	578.387	578.833	578.589	578.334	578.301	---	---	23
24	---	---	---	---	578.117	578.388	578.828	578.584	578.330	578.301	---	---	24
25	---	---	---	---	578.117	578.387	578.888	578.644	578.331	578.301	---	---	25
26	---	---	---	---	578.118	578.387	578.873	578.633	578.332	578.288	---	---	26
27	---	---	---	---	578.118	578.387	578.856	578.518	578.327	578.288	---	---	27
28	---	---	---	---	578.117	578.398	578.832	578.603	578.323	578.288	---	---	28
29	---	---	---	---	578.112	578.398	578.802	578.486	578.318	578.288	---	---	29
30	---		---	---	578.147	578.407	578.802	578.483	578.318	578.288	---	---	30
31	---		---		578.162		578.797	578.483		578.284		---	31
MEAN	---	---	---	---	578.118	578.306	578.625	578.606	578.381	578.304	---	---	MEAN
MAX	---	---	---	---	578.162	578.407	578.052	578.782	578.473	578.320	---	---	MAX
MIN	---	---	---	---	578.107	578.152	578.408	578.483	578.318	578.284	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 578.052 ON JUL 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 44 14 N
LONG 113 31 51 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
303 km²

BAPTISTE RIVER NEAR THE MOUTH - STATION NO. 08DC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.550B	0.380B	0.530B	1.85B	2.80	1.25	3.40	1.27	2.74	5.14	1.89 B	0.930B	1
2	0.520B	0.380B	0.520B	1.80B	2.58	1.18	3.45	1.51	2.41	4.71	1.77 B	0.860B	2
3	0.500B	0.370B	0.530B	1.97B	2.38	1.17	3.37	1.81	2.10	4.32	1.80 B	1.00 B	3
4	0.500B	0.370B	0.550B	2.10B	2.12	1.07	3.41	2.06	2.03	4.01	1.60 B	1.03 B	4
5	0.482B	0.390B	0.580B	2.30B	1.98	0.988	3.84	1.89	1.84	3.72	1.42 B	1.03 B	5
6	0.450B	0.400B	0.600B	2.48B	1.88	1.14	8.43	1.73	1.68	3.53	1.33 B	1.04 B	6
7	0.450B	0.420B	0.630B	2.85B	1.81	1.88	18.4	2.26	1.72	3.41	1.32 B	1.03 B	7
8	0.440B	0.440B	0.670B	2.82B	1.83	3.13	15.8	2.46	1.72	3.22	1.13 B	1.01 B	8
9	0.440B	0.480B	0.730B	3.02B	1.80	7.42	10.8	2.81	1.68	3.00	1.07 B	0.990B	9
10	0.430B	0.480B	0.770B	3.20B	1.78	11.0	8.84	3.34	2.31	2.81	1.02 B	0.950B	10
11	0.430B	0.520B	0.830B	3.40B	1.78	10.6	8.38	3.39	3.38	2.75	0.980B	0.920B	11
12	0.430B	0.550B	0.870B	3.59B	1.83	9.87	10.0	3.14	4.20	2.87	0.930B	0.900B	12
13	0.420B	0.550B	0.930B	3.70B	1.71	8.73	10.3	2.78	3.83	2.49	0.900B	0.880B	13
14	0.420B	0.580B	0.950B	3.80B	1.72	7.34	9.78	2.34	3.36	2.51	0.880B	0.850B	14
15	0.420B	0.570B	0.979B	3.90B	1.65	8.08	10.2	2.26	2.95	2.52	0.880B	0.820B	15
16	0.430B	0.550B	1.00 B	4.00B	1.71	5.20	8.78	3.88	2.78	2.46	0.850B	0.800B	16
17	0.430B	0.530B	1.00 B	4.07B	1.68	4.41	7.17	23.4	3.17	2.41	0.880B	0.780B	17
18	0.440B	0.490B	1.00 B	4.15B	1.46	3.76	6.88	37.0	3.74	2.30	0.860B	0.750B	18
19	0.440B	0.470B	1.00 B	4.20B	1.38	3.11	5.15	26.6	4.06	2.24	0.870B	0.730B	19
20	0.450B	0.450B	1.00 B	4.22B	1.31	2.71	4.36	19.1	4.24	2.29	0.880B	0.708B	20
21	0.460B	0.440B	1.00 B	4.25B	1.27	2.80	3.86	14.7	4.25	2.28	0.920B	0.690B	21
22	0.460B	0.440B	1.00 B	4.24B	1.13	2.16	3.11	11.7	4.11	2.18	0.987B	0.680B	22
23	0.460B	0.430B	1.00 B	4.23B	1.06	1.93	2.67	9.37	3.78	2.16	1.20 B	0.670B	23
24	0.450B	0.500B	1.07 B	4.21B	0.965	1.71	2.17	7.83	4.11	2.14	1.19 B	0.660B	24
25	0.430B	0.540B	1.11 B	4.20B	0.954	1.56	1.89	6.61	5.46	2.07	1.14 B	0.650B	25
26	0.421B	0.560B	1.15 B	4.18	1.13	1.53	1.61	5.85	7.07	2.04	1.03 B	0.640B	26
27	0.400B	0.560B	1.20 B	3.78	1.16	1.46	1.33	5.07	7.08	2.12	1.00 B	0.630B	27
28	0.380B	0.550B	1.25 B	3.45	0.948	1.50	1.47	4.47	6.55	1.918	0.930B	0.630B	28
29	0.380B	0.530B	1.30 B	3.29	0.858	2.18	1.55	3.82	6.21	1.808	0.900B	0.620B	29
30	0.370B		1.40 B	3.08	1.20	3.11	1.45	3.37	5.88	2.138	0.910B	0.620B	30
31	0.360B		1.50 B		1.37		1.36	2.91		2.118		0.610B	31
TOTAL	13.643	13.846	28.629	101.90	49.315	111.548	161.40	220.61	110.44	85.56	33.007	25.238	TOTAL
MEAN	0.440	0.477	0.924	3.40	1.59	3.72	5.85	7.12	3.88	2.78	1.10	0.814	MEAN
MAX	0.550	0.570	1.50	4.25	2.80	11.0	18.4	37.0	7.09	5.14	1.89	1.04	MAX
MIN	0.360	0.360	0.520	1.85	0.858	0.988	1.33	1.27	1.68	1.80	0.850	0.610	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.88
MAXIMUM DAILY, 37.0 ON AUG 18
MINIMUM DAILY, 0.360B ON JAN 31
MAXIMUM INSTANTANEOUS,
40.8 AT 07:59 MST ON AUG 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 56 N
LONG 115 04 27 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 180	JUL	15 700
FEB	1 200	AUG	19 100
MAR	2 470	SEP	9 540
APR	8 800	OCT	7 380
MAY	4 280	NOV	2 850
JUN	9 640	DEC	2 180

TOTAL DISCHARGE, 84 300 dam³

BARE CREEK RESERVOIR NEAR ELKWATER - STATION NO. 11AB094

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1135.688	1136.111	1136.322	1136.182	1135.788	1134.783	1134.098	1133.880	1133.802A	---	1
2	---	---	1135.887	1136.145	1136.317	1136.180	1135.781	1134.742	1134.087	1133.878	---	---	2
3	---	---	1135.888	1136.228	1136.312	1136.180	1135.762	1134.738	1134.082	1133.871	---	---	3
4	---	---	1135.877	1136.278	1136.308	1136.158	1135.735	1134.737	1134.086	1133.885	---	---	4
5	---	---	1135.880	1136.280	1136.301	1136.157	1135.733	1134.731	1134.082	1133.883	---	---	5
6	---	---	1135.883	1136.313	1136.304	1136.179	1135.726	1134.726	1134.073	1133.883	---	---	6
7	---	---	1136.889	1136.352	1136.298	1136.178	1135.714	1134.712	1134.062	1133.881	---	---	7
8	---	---	1136.890	1136.356	1136.297	1136.185	1135.705	1134.704	1134.055	1133.881	---	---	8
9	---	---	1136.710	1136.385	1136.296	1136.188	1135.633	1134.698	1134.050	1133.988	---	---	9
10	---	---	1135.743	1136.368	1136.290	1136.180	1136.523	1134.648	1134.041	1133.858	---	---	10
11	---	---	1135.740	1136.370	1136.289	1136.068	1136.437E	1134.880	1134.041	1133.884	---	---	11
12	---	---	1135.741	1136.371	1136.285	1135.980	1136.387E	1134.668	1134.036	1133.881	---	---	12
13	---	---	1135.742	1136.370	1136.278	1135.908	1136.288E	1134.671	1134.038	1133.881	---	---	13
14	---	---	1135.747	1136.368	1136.270	1135.894	1135.231E	1134.663	1134.038	1133.947	---	---	14
15	---	---	1135.751	1136.371	1136.264	1135.885	1136.162A	1134.329	1134.035	1133.941	---	---	15
16	---	---	1135.752	1136.378	1136.263	1135.882	1135.084E	1134.222	1134.031	1133.938	---	---	16
17	---	---	1135.753	1136.367	1136.256	1135.878	1135.026E	1134.184	1134.024	1133.935	---	---	17
18	---	---	1135.757	1136.366	1136.244	1135.868	1134.966E	1134.177	1134.020	1133.932	---	---	18
19	---	---	1135.781	1136.367	1136.237	1135.855	1134.888E	1134.172	1134.014	1133.932	---	---	19
20	---	---	1135.877	1136.361	1136.235	1135.854	1134.883E	1134.164	1134.013	1133.929	---	---	20
21	---	---	1135.883	1136.365	1136.233	1135.848	1134.852E	1134.164	1134.006	1133.925	---	---	21
22	---	---	1136.022	1136.363	1136.230	1135.842	1134.843E	1134.163	1134.002	1133.922	---	---	22
23	---	---	1136.036	1136.364	1136.224	1135.835	1134.833E	1134.159	1134.001	1133.918	---	---	23
24	---	1135.655A	1136.046	1136.344	1136.216	1135.824	1134.823E	1134.154	1133.998	1133.919	---	---	24
25	---	1135.659	1136.052	1136.339	1136.210	1135.809	1134.812E	1134.147	1133.996	1133.913	---	---	25
26	---	1135.661	1136.053	1136.339	1136.208	1135.800	1134.806A	1134.140	1133.994	1133.910	---	---	26
27	---	1135.661	1136.080	1136.339	1136.199	1135.795	1134.786	1134.131	1133.988	1133.903	---	---	27
28	---	1135.662	1136.110	1136.341	1136.193	1135.784	1134.786	1134.124	1133.980	1133.899	---	---	28
29	---	1135.667	1136.108	1136.338	1136.191	1135.768	1134.780	1134.121	1133.967	1133.898	---	---	29
30	---		1136.105	1136.328	1136.188	1135.761	1134.774	1134.113	1133.967	1133.903	---	---	30
31	---		1136.105		1136.170		1134.764	1134.108		1133.904		---	31
MEAN	---	---	1135.848	1136.330	1136.256	1136.058	1135.200	1134.398	1134.032	1133.936	---	---	MEAN
MAX	---	---	1136.110	1136.378	1136.322	1136.178	1135.788	1134.783	1134.098	1133.980	---	---	MAX
MIN	---	---	1135.688	1136.111	1136.170	1135.761	1134.764	1134.108	1133.967	1133.889	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1136.378 ON APR 16

MAXIMUM INSTANTANEOUS,
1136.381 AT 13:59 CST ON APR 16

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 06 N
LONG 110 23 45 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
24.1 km²

BARRIER LAKE NEAR SEEBE - STATION NO. 05BF024

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1376.78	1376.62	1376.26	1376.46	1373.64	1369.42	1371.89	1372.76	1373.80	1376.14	1376.10	1376.08	1
2	1376.84	1376.64	1376.30	1376.42	1373.36	1369.39	1372.07	1373.03	1373.68	1376.18	1376.00	1376.16	2
3	1376.78	1376.60	1376.40	1376.42	1373.17	1369.47	1372.21	1373.21	1373.64	1376.23	1376.08	1376.16	3
4	1376.83	1376.43	1376.64	1376.27	1372.84	1369.64	1372.23	1373.37	1373.37	1376.38	1376.14	1376.12	4
5	1376.83	1376.46	1376.68	1376.28	1372.71	1369.69	1372.27	1373.69	1373.28	1376.39	1376.36	1376.03	5
6	1376.86	1376.85	1376.68	1376.27	1372.48	1369.63	1372.30	1373.71	1373.33	1376.40	1376.31	1376.07	6
7	1376.86	1376.73	1376.61	1376.31	1372.44	1370.30	1372.29	1373.71	1373.43	1376.34	1376.14	1376.10	7
8	1376.78	1376.87	1376.60	1376.46	1372.12	1370.69	1372.21	1373.72	1373.86	1376.27	1376.12	1376.15	8
9	1376.01	1376.88	1376.66	1376.60	1371.73	1371.10	1372.23	1373.82	1373.86	1376.09	1376.23	1376.22	9
10	1376.07	1376.70	1376.81	1376.69	1371.70	1371.28	1372.49	1374.03	1373.94	1374.89	1376.26	1376.28	10
11	1376.84	1376.73	1376.75	1376.63	1371.76	1371.26	1372.49	1373.98	1373.92	1374.84	1376.23	1376.26	11
12	1376.84	1376.83	1376.87	1376.54	1371.83	1371.33	1372.48	1373.90	1373.89	1374.84	1376.17	1376.16	12
13	1376.86	1376.00	1376.01	1376.56	1371.80	1371.31	1372.49	1373.70	1373.87	1374.83	1374.87	1376.19	13
14	1376.84	1376.03	1376.86	1376.52	1371.86	1371.16	1372.49	1373.54	1374.07	1374.89	1374.81	1376.21	14
15	1376.86	1376.89	1376.82	1376.54	1371.82	1371.15	1372.47	1373.48	1374.09	1376.03	1376.01	1376.22	15
16	1376.05	1376.85	1376.76	1376.46	1371.35	1371.17	1372.45	1373.47	1374.15	1374.86	1376.06	1376.24	16
17	1376.02	1376.89	1376.86	1376.38	1371.24	1371.17	1372.66	1373.43	1374.43	1374.79	1374.88	1376.25	17
18	1376.71	1376.80	1376.84	1376.48	1371.12	1371.26	1372.51	1373.43	1374.41	1374.80	1376.07	1376.18	18
19	1376.61	1376.81	1376.76	1376.44	1370.86	1371.31	1372.29	1373.43	1374.37	1374.87	1376.23	1376.10	19
20	1376.51	1376.81	1376.86	1376.37	1370.87	1371.23	1372.20	1373.26	1374.42	1376.06	1376.24	1376.16	20
21	1376.49	1376.81	1376.86	1376.36	1370.19	1371.31	1372.15	1373.19	1374.45	1376.17	1376.18	1376.15	21
22	1376.49	1376.66	1376.63	1376.36	1368.77	1371.31	1372.09	1373.12	1374.49	1376.32	1376.24	1376.16	22
23	1376.66	1376.80	1376.62	1376.32	1368.46	1371.44	1372.11	1373.21	1374.55	1376.27	1376.29	1376.16	23
24	1376.76	1376.84	1376.66	1376.03	1369.21	1371.56	1372.15	1373.40	1374.72	1376.02	1376.29	1376.09	24
25	1376.67	1376.66	1376.80	1374.83	1369.17	1371.66	1372.16	1373.29	1374.60	1376.19	1376.28	1374.97	25
26	1376.66	1376.66	1376.76	1374.64	1368.13	1372.06	1372.16	1373.73	1374.53	1376.14	1376.30	1374.62	26
27	1376.66	1376.64	1376.66	1374.46	1368.06	1372.04	1372.36	1373.66	1374.59	1376.26	1376.16	1374.61	27
28	1376.67	1376.66	1376.60	1374.26	1368.06	1372.01	1372.39	1373.80	1374.70	1376.23	1376.07	1374.63	28
29	1376.71	1376.38	1376.60	1374.07	1368.07	1371.82	1372.41	1373.82	1374.71	1376.28	1376.10	1374.60	29
30	1376.78		1376.46	1373.89	1368.08	1371.82	1372.42	1373.86	1374.89	1376.28	1376.01	1374.63	30
31	1376.82		1376.46		1368.37		1372.46	1373.89		1376.14		1374.48	31
MEAN	1376.76	1376.70	1376.62	1376.20	1371.06	1371.02	1372.31	1373.66	1374.12	1376.12	1376.16	1376.04	MEAN
MAX	1376.07	1376.03	1376.01	1376.60	1373.64	1372.06	1372.66	1374.03	1374.89	1376.40	1376.36	1376.26	MAX
MIN	1376.49	1376.38	1376.26	1373.89	1368.06	1368.39	1371.89	1372.76	1373.26	1374.79	1374.91	1374.48	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1374.13
MAXIMUM DAILY, 1376.07 ON JAN 10
MINIMUM DAILY, 1368.06 ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 01 59 N
LONG 115 02 29 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
899 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BATTERSEA DRAIN NEAR THE MOUTH - STATION NO. 05AD036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.240	0.181	0.563	0.643	0.293	0.228	---	---	1
2	---	---	---	---	0.244	0.178	0.818	1.24	0.384	0.183	---	---	2
3	---	---	---	---	0.326	0.237	0.816	0.368	0.418	0.204	---	---	3
4	---	---	---	---	0.382	0.228	1.06	0.441	0.514	0.244	---	---	4
5	---	---	---	---	0.280	0.261	0.416	0.536	0.571	0.278	---	---	5
6	---	---	---	---	0.344	0.656	0.433	0.542	0.563	0.184	---	---	6
7	---	---	---	---	0.262	1.12	0.346	0.333	0.477	0.185	---	---	7
8	---	---	---	---	0.239	1.16	0.086	0.284	0.368	0.177	---	---	8
9	---	---	---	---	0.287	1.28	0.130	0.248	0.277	0.182	---	---	9
10	---	---	---	---	0.407	0.684	0.172	0.241	0.367	0.261	---	---	10
11	---	---	---	---	0.585	0.460	0.188	0.413	0.658	0.244	---	---	11
12	---	---	---	---	0.823	0.656	0.272	0.344	0.512	0.228	---	---	12
13	---	---	---	---	0.845	0.476	0.284	0.183	0.247	0.134	---	---	13
14	---	---	---	---	0.988	0.268	0.124	0.312	0.225	0.192	---	---	14
15	---	---	---	---	0.628	0.248	0.122	0.693	0.288	0.288	---	---	15
16	---	---	---	---	0.681	0.525	0.182	0.648	0.232	0.050	---	---	16
17	---	---	---	---	0.886	0.667	0.222	0.188	0.303	0.026	---	---	17
18	---	---	---	---	0.614	0.436	0.261	0.117	0.426	0.036	---	---	18
19	---	---	---	---	0.306	0.311	0.512	0.198	0.443	0.027	---	---	19
20	---	---	---	---	0.366	0.186	0.512	0.288	0.213	0.026	---	---	20
21	---	---	---	---	0.364	0.133	0.388	0.843	0.247	0.022	---	---	21
22	---	---	---	---	0.437	0.098	0.140	0.628	0.288	0.021	---	---	22
23	---	---	---	---	0.850	0.177	0.285	0.444	0.356	0.021	---	---	23
24	---	---	---	---	0.400	0.083	0.418	0.294	0.360	0.021	---	---	24
25	---	---	---	---	0.359	0.088	0.446	0.276	0.233	0.020	---	---	25
26	---	---	---	---	0.264	0.077	0.310	0.300	0.271	0.020	---	---	26
27	---	---	---	0.068A	0.238	0.023	0.195	0.148	0.201	0.016	---	---	27
28	---	---	---	0.087	0.578	0.087	0.284	0.252	0.383	0.017	---	---	28
29	---	---	---	0.260	0.428	0.704	0.221	0.246	0.308	0.016	---	---	29
30	---		---	0.261	0.578	0.636	0.330	0.087	0.287	0.017	---	---	30
31	---		---		0.336		0.313	0.193		0.019A		---	31
TOTAL	---	---	---	---	13.567	11.817	10.822	11.612	10.488	3.538	---	---	TOTAL
MEAN	---	---	---	---	0.437	0.387	0.352	0.381	0.348	0.114	---	---	MEAN
MAX	---	---	---	---	0.988	1.28	1.06	1.24	0.571	0.278	---	---	MAX
MIN	---	---	---	---	0.238	0.023	0.086	0.087	0.201	0.016	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.336
MAXIMUM DAILY, 1.28 ON JUN 8
MINIMUM DAILY, 0.016 ON OCT 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 20 N
LONG 112 38 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	844
FEB	---	AUG	1 020
MAR	---	SEP	904
APR	---	OCT	305
MAY	1 170	NOV	---
JUN	1 030	DEC	---

TOTAL DISCHARGE, 5 370 dam³

BATTLE RIVER NEAR FORESTBURG - STATION NO. 05FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0828	4.328	2.56	0.390	1.02	0.810	0.775	0.571	0.840A	---	1
2	---	---	0.0958	4.378	2.33	0.856	1.03	0.809	0.852	0.578	---	---	2
3	---	---	0.1108	4.248	1.98	0.540	0.983	0.845	0.873	1.26	---	---	3
4	---	---	0.1358	5.378	1.75	0.382	0.889	0.780	0.808	1.10	---	---	4
5	---	---	0.1508	5.368	1.67	0.262	0.837	0.805	0.676	0.888	---	---	5
6	---	---	0.1708	5.478	1.18	0.188	0.886	0.883	0.448	0.880	---	---	6
7	---	---	0.1758	7.278	0.883	0.086	1.01	0.872	0.443	0.261	---	---	7
8	---	---	0.1908	8.288	1.58	0.289	0.908	0.772	0.345	0.220	---	---	8
9	---	---	0.1458	7.338	1.36	4.19	0.819	0.713	0.285	0.426	---	---	9
10	---	---	0.1308	6.188	1.14	1.67	0.885	0.677	0.240	0.874	---	---	10
11	---	---	0.1358	7.418	1.06	0.821	0.906	0.852	0.528	1.18	---	---	11
12	---	---	0.1428	6.98	1.40	0.453	0.878	0.886	0.895	1.10	---	---	12
13	---	---	0.1508	5.76	1.22	1.48	0.775	0.746	0.828	1.06	---	---	13
14	---	---	0.1608	5.04	0.883	1.43	0.893	0.821	0.861	0.937	---	---	14
15	---	---	0.1708	4.86	1.36	1.10	0.885	0.936	0.424	0.893	---	---	15
16	---	---	0.1788	4.84	2.09	1.02	0.853	0.829	0.348	0.855	---	---	16
17	---	---	0.1888	4.73	0.917	0.701	0.764	1.02	0.486	1.13	---	---	17
18	---	---	0.1958	4.18	0.570	0.480	0.854	1.20	0.527	1.30	---	---	18
19	---	---	0.2058	3.92	0.765	0.588	0.870	0.796	0.884	1.25	---	---	19
20	---	---	0.2198	3.98	0.893	0.888	0.871	0.872	1.37	1.14	---	---	20
21	---	---	0.2438	4.00	0.485	0.852	1.02	0.838	0.980	0.898	---	---	21
22	---	0.0598	0.2278	3.70	0.381	0.822	1.01	0.952	0.881	0.739	---	---	22
23	---	0.0558	0.3288	3.43	0.431	0.886	0.962	0.851	0.481	1.14	---	---	23
24	---	0.0628	0.3758	3.40	0.420	0.757	0.920	0.764	0.423	2.42	---	---	24
25	---	0.0808	0.4438	3.43	0.246	0.593	0.858	1.15	0.695	1.57	---	---	25
26	---	0.0958	0.4388	3.18	0.201	0.893	0.908	1.54	0.784	0.822	---	---	26
27	---	0.0908	0.7308	2.89	0.446	0.786	0.840	1.38	0.898	0.587	---	---	27
28	---	0.0858	0.7928	2.65	0.356	0.748	0.798	1.28	0.887	0.525	---	---	28
29	---	0.0758	[illegible]	2.59	0.242	0.837	0.717	1.09	0.847	1.76	---	---	29
30	---		0.9488	2.43	0.178	1.17	0.878	1.03	0.855	1.86	---	---	30
31	---		1.67 B		0.283		0.897	0.815		0.856		---	31
TOTAL	---	---	10.071	145.15	30.881	24.770	28.714	27.448	17.856	30.777	---	---	TOTAL
MEAN	---	---	0.325	4.84	0.996	0.826	0.882	0.885	0.589	0.993	---	---	MEAN
MAX	---	---	1.67	8.25	2.56	4.19	1.03	1.54	1.37	2.42	---	---	MAX
MIN	---	---	0.082	2.43	0.178	0.086	0.697	0.686	0.240	0.220	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 8.258 ON APR 4
MINIMUM DAILY, 0.086 ON JUN 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 26 N
LONG 112 20 25 W
DRAINAGE AREA, 7 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 310
FEB	---	AUG	2 370
MAR	870	SEP	1 530
APR	12 800	OCT	2 680
MAY	2 670	NOV	---
JUN	2 140	DEC	---

TOTAL DISCHARGE, 27 100 dam³

BATTLE RIVER NEAR PONOKA - STATION NO. 05PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0888	0.0878	0.097E	0.704	0.511	0.201	0.345	0.430E	0.893	1.02	0.804	0.3648	1
2	0.0838	0.0398	0.115E	0.836	0.506	0.208	0.306	0.412A	0.848	1.01	0.849	0.3598	2
3	0.0548	0.0428	0.126E	1.21	0.538	0.183	0.343	0.419	0.823	0.954	0.859	0.3518	3
4	0.0568	0.0438	0.140E	1.72	0.587	0.132	0.446	0.515	0.774	0.896	0.833	0.3618	4
5	0.0878	0.0428	0.180E	2.14	0.585	0.389	0.486	0.456	0.711	0.832	0.788	0.3848	5
6	0.0768	0.0428	0.170E	2.32	0.631	0.278	1.22	0.477	0.771	0.680	0.788	0.3688	6
7	0.0598	0.0428	0.185E	2.85	0.521	0.344	3.00 E	0.492	0.784	0.604	0.735	0.3628	7
8	0.0488	0.0428	0.207A	2.30	0.471	0.888	10.0 E	0.526	0.656	0.483	0.6978	0.3428	8
9	0.0458	0.0428	0.241	1.80	0.446	3.23	50.0 E	0.845	0.611	0.501	0.6368	0.3598	9
10	0.0388	0.0428	0.269	1.88	0.477	5.85	40.0 E	0.886	0.498	0.570	0.6348	0.3498	10
11	0.0338	0.0438	0.280	1.84	0.388	8.81	20.0 E	0.880	0.480	0.614	0.6508	0.3478	11
12	0.0328	0.0438	0.330	1.88	0.333	4.85	10.3 E	0.861	0.463	0.614	0.6448	0.3478	12
13	0.0298	0.0438	0.467	1.20	0.407	3.58	7.40 E	0.880	0.523	0.434	0.6358	0.3638	13
14	0.0298	0.0438	0.837	1.10	0.844	2.87	5.00 E	0.887	0.521	0.469	0.6118	0.3588	14
15	0.0318	0.0438	0.883	0.934	0.839	2.80	3.80 E	0.840	0.889	0.579	0.4869	0.3508	15
16	0.0348	0.0448	0.875	0.871	0.845	2.53	3.30 E	0.847	0.887	0.728	0.4878	0.3458	16
17	0.0348	0.0448	0.868	0.839	0.888	1.88	3.00 E	1.02	0.740	0.781	0.4428	0.3458	17
18	0.0368	0.0458	0.878	0.798	0.858	1.28	2.70 E	0.886	0.686	0.723	0.4338	0.3448	18
19	0.0378	0.0458	0.735	0.838	0.486	0.833	2.40 E	1.08	0.727	0.780	0.4188	0.3588	19
20	0.0388	0.0488	0.788	0.804	0.443	0.839	2.20 E	1.40	1.01	0.856	0.4163	0.3488	20
21	0.0438	0.0488	0.907	0.738	0.418	0.821	1.80 E	1.80	1.24	0.832	0.4078	0.3568	21
22	0.0478	0.0478	0.841	0.727	0.425	0.418	1.40 E	1.80	1.33	0.810	0.4008	0.3568	22
23	0.0568	0.0478	0.880	0.731	0.412	0.342	1.20 E	3.03	1.38	0.578	0.3938	0.3368	23
24	0.0628	0.0488	1.04	0.743	0.372	0.312	1.00 E	8.26	1.38	0.880	0.3928	0.3198	24
25	0.0668	0.0488	1.05	0.707	0.404	0.280	0.820E	8.43	1.38	0.884	0.3968	0.2968	25
26	0.0698	0.0488	1.14	0.624	0.356	0.271	0.800E	3.71	1.34	0.840	0.3908	0.2858	26
27	0.0768	0.0508	1.50	0.514	0.333	0.294	0.480E	2.73	1.23	0.847	0.3828	0.2758	27
28	0.0748	0.0738	0.974	0.400	0.220	0.375	0.430E	2.18	1.07	0.706	0.3858	0.2608	28
29	0.0758	0.0868	0.574	0.333	0.197	0.415	0.410E	1.88	1.01	0.739	0.3828	0.2508	29
30	0.0778		0.515	0.434	0.222	0.381	0.430E	1.13	1.02	0.771	0.3748	0.2378	30
31	0.0828		0.588		0.207		0.480E	1.01		0.763		0.2228	31
TOTAL	1.812	1.376	17.861	34.180	13.885	43.394	176 368	44.027	28.136	21.268	15.188	10.287	TOTAL
MEAN	0.062	0.047	0.576	1.14	0.436	1.45	5.89	1.42	0.871	0.887	0.540	0.331	MEAN
MAX	0.082	0.086	1.50	2.85	0.597	8.91	50.0	8.26	1.38	1.02	0.859	0.368	MAX
MIN	0.028	0.039	0.097	0.333	0.197	0.132	0.306	0.412	0.480	0.434	0.374	0.232	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 50.0E ON JUL 9
MINIMUM DAILY, 0.0388 ON JAN 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 35 44 N
LONG 113 34 56 W
DRAINAGE AREA, 1 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	132	JUL	18 300
FEB	119	AUG	3 600
MAR	1 540	SEP	2 260
APR	2 550	OCT	1 840
MAY	1 170	NOV	1 400
JUN	3 780	DEC	887

TOTAL DISCHARGE, 35 100 dam³

BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY - STATION NO. 05FE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5898	0.2498	0.3868	2.138	5.16	2.08	2.86	0.713	2.05	1.33	1.30 B	0.5938	1
2	0.5608	0.2478	0.3788	2.838	5.02	1.87	2.82	0.810	1.90	1.34	1.40 B	0.5148	2
3	0.4708	0.2478	0.4078	3.588	4.83	1.83	2.36	0.806	1.63	1.34	1.48 B	0.5208	3
4	0.4188	0.2478	0.4048	4.408	4.75	1.74	2.35	1.02	1.72	1.27A	1.51 B	0.5498	4
5	0.3868	0.2478	0.4188	5.948	4.75	1.64	2.83	0.926	1.82	1.30A	1.53 B	0.5868	5
6	0.3408	0.2488	0.4788	7.408	4.75	1.96	4.86	0.938	1.81	1.26	1.59 B	0.6808	6
7	0.3228	0.2487	0.4898	7.908	4.63	1.83	5.11	1.16	1.44	1.43	1.52 B	0.6408	7
8	0.3038	0.2488	1.02 B	7.54	4.50	1.71	4.70	1.18	1.39	1.52	1.07 B	0.6188	8
9	0.2928	0.2518	1.30 B	6.94	4.35	1.62	4.88	1.33	1.37	1.40	0.9918	0.6128	9
10	0.2848	0.2038	1.60 B	6.46	4.30	2.08	4.48	1.26	1.33	1.87	1.32 B	0.6438	10
11	0.2928	0.2568	1.52 B	7.98	4.04	2.22	3.86	1.24	1.32	1.44	1.43 B	0.6868	11
12	0.2788	0.2568	1.38 B	10.6	3.85	1.68	3.47	1.17	1.08	1.37	1.48 B	0.6928	12
13	0.2788	0.2568	1.45 B	10.7	3.68	1.58	3.18	1.08	1.04	1.31	1.40 B	0.7388	13
14	0.2748	0.2868	1.71 B	15.2	3.30	1.50	3.05	1.05	1.02	1.32	1.22 B	0.7708	14
15	0.2728	0.2828	1.73 B	16.7	3.22	1.48	2.90	1.08	0.961	1.38	1.10 B	0.7868	15
16	0.2728	0.2928	1.85 B	16.2	3.19	1.32	2.78	0.884	0.975	1.46	0.9488	0.7608	16
17	0.2708	0.2948	1.82 B	15.1	3.02	1.19	2.80	0.858	1.05	1.50	0.8338	0.7528	17
18	0.2708	0.2988	1.52 B	13.5	2.91	1.03	2.43	1.04	1.15	1.50	0.7498	0.7388	18
19	0.2698	0.3008	1.43 B	12.1	2.77	1.02	2.35	1.73	1.16	1.50	0.7388	0.7388	19
20	0.2668	0.3028	1.38 B	10.8	2.70	2.05	2.24	1.44	1.16	1.51	0.8898	0.7138	20
21	0.2668	0.3048	1.43 B	9.87	2.68	2.00	2.04	1.47	1.13	1.49	0.8158	0.7288	21
22	0.2668	0.3108	1.44 B	8.61	2.60	1.78	1.88	2.28	1.14	1.43	0.8038	0.7618	22
23	0.2668	0.3158	1.60 B	8.18	2.48	1.84	1.86	3.80	1.11	1.50	0.8188	0.7278	23
24	0.2668	0.3198	2.07 B	7.76	2.84	1.78	1.84	3.04	1.09	1.48	0.8438	0.7038	24
25	0.2668	0.3258	2.42 B	7.23	2.60	2.11	1.80	2.26	1.08	1.54	0.8428	0.7088	25
26	0.2668	0.3308	2.24 B	6.80	2.34	1.88	1.27	1.82	1.11	1.53	0.8118	0.7448	26
27	0.2668	0.3388	2.42 B	6.38	2.18	1.68	1.13	1.62	1.17	1.388	0.8468	0.7818	27
28	0.2668	0.3488	2.40 B	6.04	2.00	1.58	1.03	1.40	1.24	1.148	0.8978	0.8838	28
29	0.2668	0.3588	2.98 B	5.81	1.87	2.38	0.864	1.25	1.28	1.388	0.8068	0.8048	29
30	0.2698		3.23 B	5.31	2.07	3.38	0.870	1.24	1.26	1.148	0.5388	0.8838	30
31	0.2848		2.88 B		2.08		0.786	2.11		1.238		0.8888	31
TOTAL	8.698	8.234	48.877	255.50	105.30	54.63	81.372	44.157	38.636	43.23	30.183	21.332	TOTAL
MEAN	0.310	0.284	1.52	8.53	3.40	1.82	2.62	1.42	1.29	1.36	1.01	0.68	MEAN
MAX	0.589	0.355	3.23	16.7	5.16	3.38	5.11	3.80	2.05	1.87	1.61	0.761	MAX
MIN	0.264	0.247	0.385	2.13	1.87	1.02	0.786	0.713	0.861	1.14	0.487	0.593	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.02
MAXIMUM DAILY, 16.7 ON APR 15
MINIMUM DAILY, 0.2478 ON FEB 2
MAXIMUM INSTANTANEOUS,
16.8 AT 22:52 CST ON APR 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 33 N
LONG 110 01 05 W
DRAINAGE AREA, 25 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	828	JUL	7 030
FEB	711	AUG	3 820
MAR	4 060	SEP	3 340
APR	22 100	OCT	3 740
MAY	9 100	NOV	2 610
JUN	4 720	DEC	1 840

TOTAL DISCHARGE, 83 900 dam³

BEAR CREEK NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0A	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	0A	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 30 N
LONG 111 12 49 W
DRAINAGE AREA, 87.3 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

BEAR CREEK NEAR VALHALLA CENTRE - STATION NO. 07GE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.571	0.005E	0	0.103	0	0	0	0.0028	---	1
2	---	---	0 B	0.535	0.004E	0	0.187	0	0	0	0.0028	---	2
3	---	---	0 B	0.339	0.003E	0	0.380	0	0	0	---	---	3
4	---	---	0 B	0.379	0.003E	0	0.435	0	0	0	---	---	4
5	---	---	0 B	0.335	0.002E	0	0.533	0	0	0	---	---	5
6	---	---	0 B	0.279	0.002E	0.069A	0.741	0	0	0	---	---	6
7	---	---	0 B	0.249	0.002E	0.218	0.887	0	0	0	---	---	7
8	---	---	0 B	0.215	0.002E	0.284	1.11	0	0	0.001	---	---	8
9	---	---	0.0048	0.188	0.002E	0.587	0.830	0	0	0.001	---	---	9
10	---	---	0.0058	0.167	0.001E	0.587	0.516	0	0	0.001	---	---	10
11	---	---	0.0068	0.138	0.001E	0.390	0.388	0	0	0.001	---	---	11
12	---	---	0.0158	0.108	0.001E	0.287	0.390	0	0	0.001	---	---	12
13	---	---	0.0288	0.083	0.001E	0.214	0.316	0	0	0.001	---	---	13
14	---	---	0.0418	0.075	0.001E	0.187	0.523	0	0	0.001	---	---	14
15	---	---	0.2558	0.059	0.001E	0.122	0.345	0	0	0.001	---	---	15
16	---	---	0.5848	0.057	0.001E	0.118	0.231	0	0	0.001	---	---	16
17	---	---	0.4728	0.055	0.001E	0.501	0.219	0	0	0.001	---	---	17
18	---	---	0.3638	0.045	0.001E	0.176	0.147	0	0	0.001	---	---	18
19	---	---	0.3158	0.042	0.001E	0.033	0.078	0	0	0.001	---	---	19
20	---	---	0.5458	0.037	0.001E	0.008	0.048	0	0	0.001	---	---	20
21	---	---	0.8568	0.030	0	0.003	0.033	0	0	0.002	---	---	21
22	---	---	0.8048	0.027	0	0.002	0.020	0	0	0.002	---	---	22
23	---	---	0.6868	0.026	0	0.003	0.010	0	0	0.002	---	---	23
24	---	0B	0.7208	0.029	0	0.001	0.005	0	0	0.001	---	---	24
25	---	0B	0.7288	0.025	0	0.001E	0.004	0	0	0.002	---	---	25
26	---	0B	0.7688	0.014	0.001E	0	0.001	0	0	0.002	---	---	26
27	---	0B	0.8388	0.012	0.001A	0	0.001	0	0	0.0028	---	---	27
28	---	0B	0.7208	0.010E	0.001A	0.001E	0.001	0	0	0.0028	---	---	28
29	---	0B	0.684	0.008E	0.001E	0.033	0.002	0	0	0.0018	---	---	29
30	---		0.557	0.008E	0	0.130	0.001	0	0	0.0018	---	---	30
31	---		0.505		0		0	0		0.0018		---	31
TOTAL	---	---	10.389	4.143	0.040	3.815	8.684	0	0	0.031	---	---	TOTAL
MEAN	---	---	0.335	0.138	0.001	0.131	0.279	0	0	0.001	---	---	MEAN
MAX	---	---	0.838	0.571	0.005	0.587	1.11	0	0	0.002	---	---	MAX
MIN	---	---	0	0.008	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.111
MAXIMUM DAILY, 1.11 ON JUL 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.81 AT 19:00 MST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 02 N
LONG 119 22 53 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	748
FEB	---	AUG	0
MAR	888	SEP	0
APR	358	OCT	2.68
MAY	3.46	NOV	---
JUN	336	DEC	---

TOTAL DISCHARGE, 2 350 dam³

BEAR LAKE NEAR CLAIRMONT - STATION NO. 07GE004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	882.892	883.080	883.028	882.986	882.878	---	---	1
2	---	---	---	---	---	882.942	883.065	883.026	882.957	882.873	---	---	2
3	---	---	---	---	---	882.944	883.078	883.026	882.967	882.889	---	---	3
4	---	---	---	---	---	882.946	883.085	883.026	882.971	882.908	---	---	4
5	---	---	---	---	---	882.944	883.080	883.026	882.967	882.914	---	---	5
6	---	---	---	---	---	882.897	883.085	883.026	883.003	882.912	---	---	6
7	---	---	---	---	---	883.002	883.108	883.023	882.976	882.911	---	---	7
8	---	---	---	---	---	883.007	883.101	883.018	882.963	882.910	---	---	8
9	---	---	---	---	---	883.017	883.088	883.011	882.938	882.918	---	---	9
10	---	---	---	---	882.886	883.023	883.081	883.006	882.932	882.905	---	---	10
11	---	---	---	---	---	883.033	883.088	883.002	882.931	882.886	---	---	11
12	---	---	---	---	---	883.043	883.104	882.997	882.928	882.882	---	---	12
13	---	---	---	---	---	883.011	883.101	882.992	882.925	882.904	---	---	13
14	---	---	---	---	---	883.006	883.088	882.982	882.934	---	---	---	14
15	---	---	---	---	---	883.003	883.091	882.973	883.030	---	---	---	15
16	---	---	---	---	---	883.001	883.086	882.983	883.008	---	---	---	16
17	---	---	---	---	---	883.036	883.092	882.983	882.970	---	---	---	17
18	---	---	---	---	---	883.043	883.087	882.988	882.985	---	---	---	18
19	882.923	---	---	---	883.009	883.034	883.082	883.004	882.940	---	---	---	19
20	---	---	---	---	883.001	883.019	883.079	882.998	882.936	---	---	---	20
21	---	---	---	---	883.001	883.014	883.075	882.994	883.011	---	---	---	21
22	---	---	---	---	883.051	882.998	883.082	882.989	883.041	---	---	---	22
23	---	---	---	---	883.101	882.999	883.067	882.984	882.928	---	---	---	23
24	---	---	---	---	882.978	882.994	883.088	882.978	882.922	---	---	---	24
25	---	---	---	---	882.951	882.984	883.088	882.975	882.922	---	---	---	25
26	---	---	---	---	882.951	882.989	883.088	882.981	882.920	---	---	---	26
27	---	---	---	---	882.938	882.994	883.088	882.978	882.927	---	---	---	27
28	---	---	---	---	882.951	883.054	883.044	882.978	882.915	---	---	---	28
29	---	---	---	---	882.951	883.088	883.083	882.978	883.043	---	---	---	29
30	---		---	---	882.951	883.080	883.019	882.978	882.901	---	---	---	30
31	---		---		882.951		883.009	882.978		---		---	31
MEAN	---	---	---	---	---	883.003	883.075	882.986	882.957	---	---	---	MEAN
MAX	---	---	---	---	---	883.080	883.108	883.028	883.043	---	---	---	MAX
MIN	---	---	---	---	---	882.892	883.009	882.973	882.901	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 883.108 ON JUL 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 15 10 N
LONG 118 58 30 W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
1 190 km²

BEARBERRY CREEK NEAR SUNDRE - STATION NO. 05CA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.60 B	0.238	0.204	0.510	0.317	0.268	0.741	---	---	1
2	---	---	---	1.65 B	0.211	0.237	0.308	1.75	0.178	0.848	---	---	2
3	---	---	---	1.31 B	0.180	0.196	0.188	0.787	0.170	0.898	---	---	3
4	---	---	---	1.31 B	0.174	0.181	0.185	0.444	0.182	0.842	---	---	4
5	---	---	---	1.18 B	0.184	0.218	0.319	0.316	0.170	0.802	---	---	5
6	---	---	---	0.8948	0.200	0.200	1.28	0.182	0.158	0.471	---	---	6
7	---	---	---	0.8728	0.248	0.269	2.57	0.170	0.158	0.444	---	---	7
8	---	---	---	0.8118	0.286	0.482	0.898	0.218	0.180	0.421	---	---	8
9	---	---	---	0.7808	0.238	0.781	0.598	0.212	0.157	0.410	---	---	9
10	---	---	---	0.8978	0.244	0.877	0.402	0.157	0.258	0.398	---	---	10
11	---	---	---	0.8838	0.225	0.704	0.308	0.208	0.688	0.388	---	---	11
12	---	---	---	1.52 B	0.230	0.488	0.321	0.382	0.640	0.381	---	---	12
13	---	---	---	1.52 B	0.235	0.388	0.347	0.348	0.842	0.370	---	---	13
14	---	---	---	1.53 B	0.237	0.289	0.281	0.251	0.474	0.388	---	---	14
15	---	---	0.0938	2.05 B	0.239	0.284	0.188	0.408	0.398	0.370	---	---	15
16	---	---	---	1.62 B	0.220	0.289	0.148	0.767	0.880	0.380	---	---	16
17	---	---	---	1.69 B	0.192	0.192	0.122	4.38	2.86	0.407	---	---	17
18	---	---	---	0.8338	0.185	0.135	0.132	18.1	2.81	0.402	---	---	18
19	---	---	---	0.8708	0.288	0.110	0.085	4.86	1.88	0.384	---	---	19
20	---	---	---	2.22 B	0.186	0.081	0.085	2.81	2.01	0.383	---	---	20
21	---	---	---	1.51 B	0.122	0.088	0.073	2.33	1.88	0.388	---	---	21
22	---	---	1.76 B	0.857	0.188	0.087	0.083	2.23	1.35	0.359	---	---	22
23	---	---	---	0.874	0.178	0.080	0.083	1.18	1.03	0.388	---	---	23
24	---	---	0.8128	0.513	0.117	0.048	0.038	0.788	1.06	0.375	---	---	24
25	---	---	---	0.428	0.108	0.042	0.031	0.582	1.38	0.402	---	---	25
26	---	---	---	0.364	0.102	0.052	0.028	0.488	1.43	0.4078	---	---	26
27	---	---	---	0.298	0.086	0.052	0.024	0.412	1.18	0.3818	---	---	27
28	---	---	---	0.238	0.091	0.052	0.022	0.381	1.02	0.3208	---	---	28
29	---	---	---	0.224	0.093	0.060	0.022	0.300	0.838	0.3438	---	---	29
30	---		0.2908	0.218	0.133	0.113	0.018	0.284	0.626	0.3708	---	---	30
31	---		---		0.137		0.022	0.235		0.3888		---	31
TOTAL	---	---	---	32.049	5.754	7.157	9.785	45.239	28.784	13.058	---	---	TOTAL
MEAN	---	---	---	1.07	0.186	0.239	0.316	1.46	0.892	0.421	---	---	MEAN
MAX	---	---	---	2.22	0.288	0.877	2.57	18.1	2.86	0.741	---	---	MAX
MIN	---	---	---	0.218	0.091	0.042	0.018	0.157	0.155	0.330	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.654
MAXIMUM DAILY, 18.1 ON AUG 18
MINIMUM DAILY, 0.018 ON JUL 30
MAXIMUM INSTANTANEOUS,
29.8 AT 13:21 MST ON AUG 18

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 25 N
LONG 114 42 30 W
DRAINAGE AREA, 227 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	845
FEB	---	AUG	3 920
MAR	---	SEP	2 310
APR	2 770	OCT	1 130
MAY	487	NOV	---
JUN	618	DEC	---

TOTAL DISCHARGE, 12 100 dam³

BEAVER CREEK NEAR BROCKET - STATION NO. 05AB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0158	0.084	0.017	0.001	0	0	0	0	0	---	1
2	---	---	0.0268	0.068	0.018	0.001	0	0	0	0	0	---	2
3	---	---	0.0248	0.078	0.018	0	0	0	0	0	0	---	3
4	---	---	0.0438	0.075	0.018	0	0	0	0	0	0A	---	4
5	---	---	0.0518	0.078	0.024	0	0	0	0	0	---	---	5
6	---	---	0.0768	0.082	0.025	0	0	0	0	0	---	---	6
7	---	---	0.0958	0.074	0.018	0.020	0	0	0	0	---	---	7
8	---	---	0.0848	0.038	0.018	0.012	0	0	0	0	---	---	8
9	---	---	0.0808	0.024	0.020	0.008	0	0	0	0	---	---	9
10	---	---	0.0568	0.038	0.022	0.006	0	0	0	0	---	---	10
11	---	---	0.0528	0.038	0.018	0.008	0	0	0	0	---	---	11
12	---	---	0.0508	0.030	0.017	0.010	0	0	0	0	---	---	12
13	---	---	0.0538	0.028	0.014	0.007	0	0	0	0	---	---	13
14	---	---	0.0568	0.033	0.012	0.004	0	0	0	0	---	---	14
15	---	---	0.0558	0.056	0.009	0.003	0	0	0	0	---	---	15
16	---	---	0.0548	0.049	0.008	0.002	0	0	0	0	---	---	16
17	---	---	0.0538	0.026	0.008	0.001	0	0	0	0	---	---	17
18	---	---	0.0728	0.028	0.008	0.001	0	0	0	0	---	---	18
19	---	---	0.070	0.024	0.012	0	0	0	0	0	---	---	19
20	---	---	0.102	0.033	0.012	0	0	0	0	0	---	---	20
21	---	---	0.142	0.030	0.010	0	0	0	0	0	---	---	21
22	---	0.0018	0.147	0.034	0.007	0	0	0	0	0	---	---	22
23	---	0.0028	0.141	0.032	0.004	0	0	0	0	0	---	---	23
24	---	0.0028	0.123	0.029	0.003	0	0	0	0	0	---	---	24
25	---	0.0048	0.087	0.031	0.003	0	0	0	0	0	---	---	25
26	---	0.0048	0.081	0.028	0.002	0	0	0	0	0	---	---	26
27	---	0.0048	0.084	0.022	0.001	0	0	0	0	0	---	---	27
28	---	0.0148	0.077	0.023	0.001	0	0	0	0	0	---	---	28
29	---	0.0118	0.070	0.021	0.001	0	0	0	0	0	---	---	29
30	---		0.068	0.018	0.001	0	0	0	0	0	---	---	30
31	---		0.066		0.002		0	0		0		---	31
TOTAL	---	---	2.251	1.230	0.342	0.084	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.073	0.041	0.011	0.003	0	0	0	0	---	---	MEAN
MAX	---	---	0.147	0.082	0.025	0.020	0	0	0	0	---	---	MAX
MIN	---	---	0.015	0.018	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.147 ON MAR 22
MINIMUM DAILY, 0 ON JUN 3
MAXIMUM INSTANTANEOUS,
0.251 AT 15:50 MST ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 21 N
LONG 113 47 38 W
DRAINAGE AREA, 256 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	194	SEP	0
APR	106	OCT	0
MAY	29.5	NOV	---
JUN	7.26	DEC	---

TOTAL DISCHARGE, 337 dam³

BEAVER LAKE AT RANGER STATION - STATION NO. 08AA003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0.890	---	---	1
2	---	---	---	---	---	---	---	---	---	---	0.855	---	2
3	---	---	1.051	---	---	---	---	---	---	0.840	---	---	3
4	---	---	---	---	---	---	---	---	---	0.880	---	---	4
5	---	---	---	---	---	---	---	---	---	0.877	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	0.943	0.877	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	1.005	---	0.877	---	---	9
10	---	---	---	---	---	---	1.084	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	0.877	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	0.877	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	0.877	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	0.877	---	---	17
18	---	---	---	---	1.080	---	---	---	---	---	---	---	18
19	---	---	---	1.103	---	---	---	---	---	0.887	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	0.887	---	---	21
22	---	---	---	---	---	---	---	---	0.881	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	0.872	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	0.890	0.887	---	---	27
28	---	---	---	---	---	---	---	---	---	0.887	---	---	28
29	---	---	---	---	1.085	---	---	---	0.890	---	---	---	29
30	---		---	---	---	---	---	---	---	0.882	---	---	30
31	---		---		---		---	---		0.882		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 45 40 N
LONG 111 54 05 W

NATURAL FLOW

DRAINAGE AREA, 331 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BEAVER RIVER ABOVE SYNCRUDE - STATION NO. 07DA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.100B	0.100B	4.40 E	1.53	3.54	0.141	0.488	0.400	0.238B	---	1
2	---	---	0.103B	0.110B	4.00 E	1.84	2.38	0.138	0.356	0.387	0.237B	---	2
3	---	---	0.107B	0.118B	3.25 E	2.12	1.85	0.118	0.284	0.385	0.236B	---	3
4	---	---	0.110B	0.110B	2.85 E	1.90	1.53	0.110	0.278	0.401	0.236B	---	4
5	---	---	0.108B	0.100B	2.50 E	1.72	1.48	0.116	0.284A	0.382	---	---	5
6	---	---	0.106B	0.095B	2.20 E	1.78	7.17	0.120	0.348A	0.370	---	---	6
7	---	---	0.107B	0.105B	1.97 A	2.11	33.0	0.128	0.371A	0.382	---	---	7
8	---	---	0.106B	0.140B	1.89	1.85	30.0	0.131	0.330A	0.363	---	---	8
9	---	---	0.108B	0.145B	1.83	1.81	23.4	0.138	0.288A	0.330	---	---	9
10	---	---	0.104B	0.158B	1.86	1.80	15.8	0.155	0.283	0.320	---	---	10
11	---	---	0.104B	0.173B	1.72	1.82	10.3	0.184	0.315	0.318	---	---	11
12	---	---	0.105B	0.180B	1.55	13.6	8.46	0.187	0.328	0.312	---	---	12
13	---	---	0.105B	0.185B	1.45	18.9	8.63	0.181	0.335	0.308	---	---	13
14	---	---	0.108B	0.260B	1.33	15.6	9.80	0.168	0.342	0.280	---	---	14
15	---	---	0.104B	0.980B	1.18	11.1	9.05	0.199	0.333	0.260	---	---	15
16	---	---	0.104B	0.800B	1.10	7.83	8.83	0.189	0.351	0.273	---	---	16
17	---	---	0.102B	0.820B	1.01	5.18	3.71	0.178	0.359	0.268	---	---	17
18	---	---	0.101B	0.820B	0.842	4.00	2.68	0.178	0.377	0.265	---	---	18
19	---	---	0.100B	0.680B	0.748	2.83	1.84	0.195	0.359	0.261	---	---	19
20	---	---	0.099B	0.600B	0.647	2.13	1.38	0.216	0.355	0.258	---	---	20
21	---	---	0.098B	0.630B	0.578	1.58	0.885	0.209	0.356	0.258	---	---	21
22	---	---	0.098B	0.920B	0.519	1.22	0.578A	0.224	0.359	0.251	---	---	22
23	---	---	0.096B	1.00 B	0.480	0.981	0.384A	0.224	0.359	0.246	---	---	23
24	---	---	0.094B	0.960B	0.432	0.726	0.322A	0.213	0.375	0.238B	---	---	24
25	---	---	0.092B	1.10 B	0.437	0.550	0.224A	0.210	0.378	0.230B	---	---	25
26	---	---	0.090B	1.45 B	0.388	0.438	0.188A	0.208	0.375	0.226B	---	---	26
27	---	---	0.088B	1.80 E	0.361	0.440	0.165A	0.213	0.385	0.228B	---	---	27
28	---	---	0.088B	2.25 E	0.341	0.398	0.124A	0.215	0.446	0.225B	---	---	28
29	---	---	0.088B	2.80 E	0.318	0.823	0.109A	0.208	0.484	0.217B	---	---	29
30	---		0.089B	3.40 E	0.339	3.70	0.098A	0.226	0.433	0.231B	---	---	30
31	---		0.090B		0.626		0.100	0.373		0.232B		---	31
TOTAL	---	---	3.092	23.798	43.212	112.868	178.546	5.737	10.731	9.118	---	---	TOTAL
MEAN	---	---	0.100	0.793	1.39	3.76	5.76	0.185	0.358	0.294	---	---	MEAN
MAX	---	---	0.110	3.40	4.40	18.9	33.0	0.373	0.488	0.401	---	---	MAX
MIN	---	---	0.088	0.095	0.318	0.388	0.098	0.110	0.278	0.217	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 33.0 ON JUL 7
MINIMUM DAILY, 0.088B ON MAR 28
MAXIMUM INSTANTANEOUS,
38.0 AT 05:16 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 56 39 N
LONG 111 33 54 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15 800
FEB	---	AUG	495
MAR	287	SEP	927
APR	2 080	OCT	788
MAY	3 730	NOV	---
JUN	9 750	DEC	---

TOTAL DISCHARGE, 33 500 dam³

REMARKS - THE PEAK FLOW CAN ONLY BE CONSIDERED FAIR BECAUSE OF LARGE ORIFACE MOVEMENTS OVER THE PEAK PERIOD

BEAVER RIVER AT COLD LAKE RESERVE - STATION NO. 06AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.35 B	0.770B	1.02B	2.08B	8.87	7.17	10.9	24.0	16.9	8.00E	3.02B	2.73B	1
2	1.30 B	0.770B	1.02B	3.38B	8.10	8.38	8.55	22.0	16.7	8.78E	3.08B	2.63B	2
3	1.30 B	0.770B	1.01B	5.00B	7.40	8.92	8.55	20.4	16.1	8.50E	3.04B	2.51B	3
4	1.33 B	0.780B	1.01B	5.84B	7.07	8.85	10.5	18.9	15.6	8.41A	3.47B	2.43B	4
5	1.35 B	0.780B	1.01B	6.78B	8.81	8.84	13.2	17.7	15.2	8.53	3.85B	2.39B	5
6	1.35 B	0.780B	1.01B	6.28B	8.77	8.46	17.9	16.9	14.4	8.77	3.58B	2.38B	6
7	1.35 B	0.770B	1.00B	7.14B	8.42	8.83	20.9	16.3	14.0	8.76	3.67B	2.30B	7
8	1.33 B	0.780B	1.00B	8.21B	8.37	7.08	22.8 A	16.1	13.3	8.76	3.58B	2.28B	8
9	1.30 B	0.750B	1.00B	8.88B	8.21	7.18	24.5 A	13.9	12.8	8.76	3.07B	2.38B	9
10	1.28 B	0.740B	1.10B	10.3 B	8.20	7.28	25.8 A	13.0	11.9	8.68	3.10B	2.41B	10
11	1.27 B	0.740B	1.17B	14.2 B	8.04	7.80	26.1 A	12.2	11.2	8.57	3.08B	2.80B	11
12	1.25 B	0.740B	1.22B	10.3 B	8.80	7.87	26.7 A	11.7	10.8	8.48	3.00B	2.72B	12
13	1.23 B	0.750B	1.32B	16.1 B	8.85	8.10A	27.0 A	11.1	10.0	8.40	3.13B	2.81B	13
14	1.20 B	0.800B	1.35B	15.7 B	8.88	8.44A	26.3 A	10.8	9.75	8.25	2.81B	2.73B	14
15	1.18 B	0.890B	1.34B	13.0 B	8.04	8.48A	26.3 A	10.2	9.36	8.23	3.04B	2.69B	15
16	1.18 B	0.890B	1.34B	12.8	8.82	8.31A	25.8 A	10.8	8.73	8.21	3.22B	2.49B	16
17	1.14 B	1.01 B	1.33B	13.9	8.81	8.48	25.4 A	11.3	8.18	8.31	3.24B	2.34B	17
18	1.12 B	1.00 B	1.32B	13.0	8.53	8.71	26.8 A	11.5	8.00	8.84	3.23B	2.31B	18
19	1.08 B	0.980B	1.33B	11.6	8.76	8.83	28.5 A	11.2	7.93	8.31	3.25B	2.42B	19
20	1.08 B	0.880B	1.40B	11.5	7.80	8.48	31.7 A	10.9	7.82	8.12	3.29B	2.44B	20
21	1.05 B	1.01 B	1.55B	11.7	8.22	8.17	35.0 A	8.87	7.85	8.06	3.34B	2.32B	21
22	1.03 B	1.03 B	2.10B	11.9	8.32	7.76	37.4 A	7.39	7.29	8.03	3.29B	2.34B	22
23	1.01 B	1.02 B	2.50B	11.1	8.16	7.38	39.7 A	8.89	7.13	4.81	3.22B	2.24B	23
24	0.900B	0.890B	2.59B	10.8	7.97	8.85	40.6 A	9.76	8.83	4.88	2.89B	2.25B	24
25	0.879B	0.950B	2.59B	10.9	7.88	8.84	40.2 A	10.7	8.82	4.84	2.77B	2.20B	25
26	0.870B	0.920B	2.50B	10.2	7.33	8.38A	38.6 A	11.2	8.47	4.85	2.73B	2.28B	26
27	0.880B	0.840B	2.35B	9.56	7.16	8.28A	36.7	11.9	8.41	3.85B	2.62B	2.34B	27
28	0.840B	0.880B	2.23B	8.91	6.59	8.74A	34.1	13.2	8.50	4.14B	2.57B	2.42B	28
29	0.820B	1.02 B	2.12B	8.52	5.99	14.3	31.1	14.6	8.41	4.04B	2.80B	2.68B	29
30	0.810B		2.03B	8.48	6.17	14.8	28.5	15.7	8.20A	3.91B	2.71B	2.59B	30
31	0.780B		2.03B		7.15		26.1	16.5		3.20B		2.44B	31
TOTAL	34.78B	25.42O	48.04	296.78	214.60	234.48	823.80	418.51	305.71	159.16	93.09	75.76	TOTAL
MEAN	1.12	0.877	1.55	9.89	8.92	7.82	26.6	13.5	10.2	5.13	3.10	2.44	MEAN
MAX	1.35	1.03	2.59	16.1	8.87	14.8	40.6	24.0	16.9	8.00	3.85	2.81	MAX
MIN	0.780	0.740	1.00	2.08	5.85	5.85	8.55	7.39	8.20	3.20	2.62	2.20	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.48
MAXIMUM DAILY, 40.6A ON JUL 24
MINIMUM DAILY, 0.740B ON FEB 10
MAXIMUM INSTANTANEOUS,
40.6E AT 05:55 MST ON JUL 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 15 N
LONG 110 13 00 W
DRAINAGE AREA, 14 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 010	JUL	71 200
FEB	2 200	AUG	38 200
MAR	4 150	SEP	25 400
APR	25 600	OCT	13 600
MAY	18 500	NOV	8 040
JUN	20 300	DEC	6 550

TOTAL DISCHARGE, 236 000 dam³

REMARKS - RECORD QUALITY DURING THE PEAK FLOW PERIOD WAS CONSIDERED POOR

BEAVER RIVER NEAR GOODRIDGE - STATION NO. 06AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.078B	0.858B	0.863	0.185	0.316	0.029	0.018E	0.002	0.009B	---	1
2	---	---	0.078B	0.826B	0.907	0.156	0.197	0.026	0.018E	0.002	0.018B	---	2
3	---	---	0.080B	0.847B	0.885	0.184	0.146	0.025	0.014E	0.002	---	---	3
4	---	---	0.085B	0.857B	0.778	0.047	0.071	0.026	0.012E	0.006	---	---	4
5	---	---	0.100B	0.838B	0.738	0.119	0.114	0.027	0.012E	0.015	---	---	5
6	---	---	0.120B	0.728B	0.737	0.145	0.208	0.026	0.012E	0.019	---	---	6
7	---	---	0.120B	0.680B	0.741	0.106	0.207	0.029	0.010A	0.019	---	---	7
8	---	---	0.120B	0.700B	0.675	0.073	0.245	0.030	0.010A	0.015	---	---	8
9	---	---	0.120B	0.740B	0.533	0.152	0.207	0.028	0.006	0.026	---	---	9
10	---	---	0.130B	0.780B	0.354	0.152	0.188	0.030	0.003	0.022	---	---	10
11	---	---	0.160B	0.820B	0.326	0.067	0.141	0.029	0.002	0.005	---	---	11
12	---	---	0.200B	0.880B	0.286	0.040	0.151	0.028	0.002	0.005	---	---	12
13	---	---	0.220B	0.840B	0.174	0.020	0.148	0.027	0.002	0.005	---	---	13
14	---	---	0.240B	0.820B	0.157	0.008	0.034	0.026	0.002	0.005	---	---	14
15	---	---	0.250B	0.800E	0.214	0.010	0.003	0.028A	0.002	0.005	---	---	15
16	---	---	0.270B	0.780E	0.249	0.040	0.150	0.024E	0.002	0.015	---	---	16
17	---	---	0.300B	0.780E	0.298	0.272	0.278	0.022E	0.002	0.018	---	---	17
18	---	---	0.330B	0.788A	0.098	0.308	0.301	0.021A	0.002	0.001	---	---	18
19	---	---	0.370B	0.841	0.102	0.351	0.214	0.020E	0.002	0.001	---	---	19
20	---	---	0.400B	0.813	0.095	0.247	0.085	0.018E	0.002	0.018	---	---	20
21	---	---	0.440B	0.878	0.128	0.084	0.080	0.018E	0.002	0.012	---	---	21
22	---	---	0.500B	0.752	0.182	0.008	0.056	0.018E	0.002	0.007	---	---	22
23	---	---	0.640B	0.831	0.201	0.009	0.058	0.014E	0.002	0.007	---	---	23
24	---	---	0.849B	0.828	0.218	0.010	0.050	0.012A	0.002	0.008	---	---	24
25	---	---	0.861B	0.588	0.238	0.011	0.048	0.020E	0.002	0.007	---	---	25
26	---	---	0.850B	0.547	0.249	0.100	0.048	0.018E	0.002	0.009B	---	---	26
27	---	---	0.864B	0.522	0.229	0.115	0.048	0.018E	0.002	0.002B	---	---	27
28	---	---	0.648B	0.501	0.289	0.093	0.042	0.018E	0.002	0.002B	---	---	28
29	---	---	1.01 B	0.481	0.303	0.414	0.038	0.018E	0.002	0.002B	---	---	29
30	---		0.954B	0.889	0.272	0.812	0.035	0.018E	0.002	0.002B	---	---	30
31	---		0.903B		0.228		0.030	0.018A		0.002B		---	31
TOTAL	---	---	12.487	22.172	11.814	4.122	3.813	0.701	0.151	0.272	---	---	TOTAL
MEAN	---	---	0.403	0.738	0.375	0.137	0.125	0.023	0.005	0.009	---	---	MEAN
MAX	---	---	1.01	0.878	0.907	0.812	0.316	0.030	0.018	0.028	---	---	MAX
MIN	---	---	0.078	0.481	0.095	0.008	0.003	0.012	0.002	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.226
MAXIMUM DAILY, 1.01B ON MAR 29
MINIMUM DAILY, 0.001 ON OCT 16
MAXIMUM INSTANTANEOUS,
1.12 AT 10:21 MST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 05 N
LONG 111 22 00 W
DRAINAGE AREA, 4 710 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	238
FEB	---	AUG	90.6
MAR	1 080	SEP	13.0
APR	1 920	OCT	23.5
MAY	1 000	NOV	---
JUN	356	DEC	---

TOTAL DISCHARGE, 4 780 dam³

BEAVERDAM CREEK NEAR COCHRANE - STATION NO. 05CB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.005B	0.025E	0	0	0.004E	0	0	0	---	---	1
2	---	---	0.004B	0.088A	0	0	0	0	0	0	---	---	2
3	---	---	0.003B	0.024A	0	0	0	0	0	0	---	---	3
4	---	---	0.001B	0.019A	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.007E	0	0	0.001E	0	0	0	---	---	5
6	---	---	0 B	0.007E	0	0.001A	0.021	0	0	0	---	---	6
7	---	---	0 B	0.007A	0	0.011	0.007E	0	0	0	---	---	7
8	---	---	0.002B	0.005A	0	0.023	0	0	0	0	---	---	8
9	---	---	0.003B	0.003E	0	0.028	0	0	0	0	---	---	9
10	---	---	0.002B	0.001E	0	0.015	0	0	0	0	---	---	10
11	---	---	0 B	0.001E	0	0.005A	0	0	0	0	---	---	11
12	---	---	0 B	0.002E	0	0.001E	0	0	0	0	---	---	12
13	---	---	0 B	0.001E	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.001E	0	0.004A	0	0	0	0	---	---	14
15	---	---	0 B	0.001E	0	0.001E	0	0	0	0	---	---	15
16	---	---	0 B	0.001E	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.002E	0	0	0	0	0	0	---	---	19
20	---	---	0.008B	0.004E	0	0	0	0	0	0	---	---	20
21	---	---	0.011B	0.002E	0	0	0	0.005E	0	0	---	---	21
22	---	---	0.023B	0	0	0	0	0.005	0	0	---	---	22
23	---	0 B	0.008B	0	0	0	0	0.001E	0	0	---	---	23
24	---	0 B	0.006B	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0 B	0	0	0	0	0	0	0	---	---	25
26	---	0.002B	0 B	0	0	0	0	0	0	0	---	---	26
27	---	0.005B	0 B	0	0	0	0	0	0	0	---	---	27
28	---	0.002B	0 B	0	0	0	0	0	0	0	---	---	28
29	---	0.006B	0 B	0	0	0	0	0	0	0	---	---	29
30	---		0 B	0	0	0.003E	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.074	0.178	0	0.092	0.033	0.011	0	0	---	---	TOTAL
MEAN	---	---	0.002	0.005	0	0.003	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.023	0.088	0	0.028	0.021	0.005	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.088A ON APR 2
MINIMUM DAILY, 0B ON MAR 5
MAXIMUM INSTANTANEOUS,
0.142 AT 23:00 MST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 45 N
LONG 114 28 20 W
DRAINAGE AREA, 46.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.85
FEB	---	AUG	0.95
MAR	5.38	SEP	0
APR	15.5	OCT	0
MAY	0	NOV	---
JUN	7.95	DEC	---

TOTAL DISCHARGE, 33.6 dam³

BEAVERLODGE RIVER NEAR BEAVERLODGE - STATION NO. 07SD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.102B	0.980B	0.158	0.102	0.171	0.018	0.003	0	0.001B	---	1
2	---	---	0.101B	1.80 B	0.148	0.104	0.198	0.018	0.002	0	0.001B	---	2
3	---	---	0.104B	1.39 B	0.140	0.087	0.388	0.013	0.002	0	---	---	3
4	---	---	0.108B	1.46 B	0.184	0.071	0.402	0.010	0.002	0	---	---	4
5	---	---	0.114B	1.80 B	0.106	0.102	0.578	0.008	0.003	0	---	---	5
6	---	---	0.131B	1.36 B	0.095	0.398	0.712	0.008	0.002	0	---	---	6
7	---	---	0.142B	1.46 B	0.078	0.368	0.795	0.008	0.003	0	---	---	7
8	---	---	0.201B	1.23 B	0.088	0.628	0.783	0.007	0.001	0	---	---	8
9	---	---	0.209B	1.14 B	0.088	1.18	0.594	0.008	0	0	---	---	9
10	---	---	0.149B	1.11 B	0.041	1.38	0.449	0.008	0	0	---	---	10
11	---	---	0.143B	1.12 B	0.031	1.62	0.387	0.005	0	0	---	---	11
12	---	---	0.192B	1.19	0.033	1.41	0.421	0.004	0	0	---	---	12
13	---	---	0.235B	0.970	0.041	1.25	0.822	0.004	0	0	---	---	13
14	---	---	0.537B	0.784	0.060	1.08	0.504	0.004	0	0	---	---	14
15	---	---	1.16 B	0.703	0.087	1.00	0.357	0.003	0.001	0	---	---	15
16	---	---	1.37 B	0.673	0.083	0.897	0.273	0.002	0	0	---	---	16
17	---	---	1.48 B	0.888	0.054	0.880	0.213	0.004	0	0	---	---	17
18	---	---	0.955B	0.843	0.048	0.867	0.188	0.005	0	0	---	---	18
19	---	---	0.784B	0.585	0.048	0.783	0.188	0.001	0	0	---	---	19
20	---	---	0.708B	0.526	0.047	0.818	0.144	0	0	0	---	---	20
21	---	---	0.870B	0.576	0.048	0.541	0.102	0	0	0	---	---	21
22	---	---	1.33 B	0.585	0.039	0.405	0.078	0	0	0	---	---	22
23	---	---	1.02 B	0.842	0.031	0.333	0.088	0.001	0	0	---	---	23
24	---	0.107B	1.17 B	0.884	0.029	0.254	0.058	0.002	0	0	---	---	24
25	---	0.104B	1.06 B	0.646	0.025	0.202	0.055	0.001	0	0	---	---	25
26	---	0.089B	1.10 B	0.338	0.025	0.181	0.057	0.001	0	0	---	---	26
27	---	0.098B	1.19 B	0.302	0.018	0.184	0.045	0.001	0	0 B	---	---	27
28	---	0.103B	1.36 B	0.266	0.018	0.179	0.040	0	0	0 B	---	---	28
29	---	0.101B	1.17 B	0.272	0.023	0.172	0.033	0	0	0 B	---	---	29
30	---		0.659B	0.225	0.058	0.220	0.025	0.001	0	0.001B	---	---	30
31	---		0.628B		0.082		0.020	0.004		0.001B		---	31
TOTAL	---	---	20.988	25.843	1.857	17.752	9.202	0.142	0.017	0.002	---	---	TOTAL
MEAN	---	---	0.677	0.858	0.083	0.592	0.297	0.005	0.001	0	---	---	MEAN
MAX	---	---	1.48	1.80	0.184	1.62	0.822	0.018	0.003	0.001	---	---	MAX
MIN	---	---	0.101	0.225	0.019	0.071	0.020	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.308
MAXIMUM DAILY, 1.62 ON JUN 11
MINIMUM DAILY, 0 ON AUG 20
MAXIMUM INSTANTANEOUS,
2.83B AT 15:00 MST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 11 21 N
LONG 119 28 08 W
DRAINAGE AREA, 1 610 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	795
FEB	---	AUG	12.3
MAR	1 610	SEP	1.47
APR	2 220	OCT	0.17
MAY	189	NOV	---
JUN	1 530	DEC	---

TOTAL DISCHARGE, 8 540 dam³

BEAVERTAIL CREEK NEAR HYTHE - STATION NO. 07GD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.072B	0.074B	0.185	0.007	0.030	0.001E	0	0	0 B	---	1
2	---	---	0.071B	0.084B	0.107	0.013	0.032	0.001E	0	0	0.001B	---	2
3	---	---	0.072B	0.085B	0.097	0.020	0.035	0.001E	0	0	---	---	3
4	---	---	0.072B	0.088B	0.072	0.018	0.018	0	0	0	---	---	4
5	---	---	0.076B	0.081B	0.071	0.020	0.101	0	0	0	---	---	5
6	---	---	0.088B	0.070B	0.077	0.188	0.130	0	0	0	---	---	6
7	---	---	0.086B	0.052B	0.042	0.405	0.082	0	0	0	---	---	7
8	---	---	0.109B	0.043B	0.046	0.485	0.071	0	0	0	---	---	8
9	---	---	0.124B	0.024B	0.040	0.440	0.051	0	0	0	---	---	9
10	---	---	0.149B	0.033	0.005	0.389	0.038	0	0	0	---	---	10
11	---	---	0.158B	0.027	0.002	0.384	0.013	0	0	0	---	---	11
12	---	---	0.159B	0.020	0	0.325	0.018	0	0	0	---	---	12
13	---	---	0.174B	0.022	0	0.284	0.042	0	0	0	---	---	13
14	---	---	0.178B	0.028	0	0.298	0.044	0	0	0	---	---	14
15	---	---	0.188B	0.071	0.001	0.262	0.028	0	0	0	---	---	15
16	---	---	0.158B	0.135	0.002	0.252	0.018	0	0	0	---	---	16
17	---	---	0.182B	0.189	0.002	0.201	0.005	0	0	0	---	---	17
18	---	---	0.184B	0.221	0.002	0.141	0.004	0	0	0	---	---	18
19	---	---	0.148B	0.236	0.003	0.083	0.003	0	0.002	0	---	---	19
20	---	---	0.149B	0.236	0.003	0.037	0.004	0	0.006	0	---	---	20
21	---	---	0.160B	0.247	0.002	0.011	0.007	0	0.006	0	---	---	21
22	---	---	0.158B	0.256	0.003	0.014	0.002	0	0.005	0	---	---	22
23	---	---	0.145B	0.260	0.003	0.018	0	0	0.004	0	---	---	23
24	---	0.048B	0.133B	0.248	0.002	0.004	0	0 A	0.004	0	---	---	24
25	---	0.048B	0.119B	0.234	0.002	0.003	0.001	0	0.003	0	---	---	25
26	---	0.051B	0.103B	0.218	0.002	0.006	0.001	0	0.002	0.001	---	---	26
27	---	0.058B	0.078B	0.182	0.003	0.005	0.002A	0	0	0.001B	---	---	27
28	---	0.085B	0.064B	0.195	0.003	0.006	0.001E	0	0	0.001B	---	---	28
29	---	0.073B	0.048B	0.186	0.003	0.005	0.001E	0	0	0 B	---	---	29
30	---		0.038B	0.184	0.004	0.017	0.001E	0	0	0 B	---	---	30
31	---		0.045B		0.004		0.001E	0		0 B		---	31
TOTAL	---	---	3.637	4.022	0.758	4.344	0.764	0.003	0.032	0.003	---	---	TOTAL
MEAN	---	---	0.117	0.134	0.024	0.145	0.025	0	0.001	0	---	---	MEAN
MAX	---	---	0.178	0.260	0.185	0.485	0.130	0.001	0.006	0.001	---	---	MAX
MIN	---	---	0.038	0.020	0	0.003	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.055
MAXIMUM DAILY, 0.485 ON JUN 6
MINIMUM DAILY, 0 ON MAY 12
MAXIMUM INSTANTANEOUS,
0.505 AT 19:00 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 57 N
LONG 119 38 25 W
DRAINAGE AREA, 862 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	87.7
FEB	---	AUG	0.26
MAR	314	SEP	2.76
APR	348	OCT	0.26
MAY	65.5	NOV	---
JUN	376	DEC	---

TOTAL DISCHARGE, 1 170 dam³

BEDDINGTON CREEK NEAR CALGARY - STATION NO. 05BM904

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.00 E	0.035	0.023	0.048	0.070	0.008	0.022	---	---	1
2	---	---	---	1.00 E	0.038	0.023	0.038	0.173	0.007	0.023	---	---	2
3	---	---	---	1.00 E	0.041	0.018	0.051	0.088	0.008	0.023	---	---	3
4	---	---	---	1.00 E	0.045	0.017	0.040	0.086	0.005	0.022	---	---	4
5	---	---	---	1.00 E	0.052	0.088	0.073	0.082	0.006	0.022	---	---	5
6	---	---	---	0.856	0.078	0.088	0.112	0.048	0.005	0.021	---	---	6
7	---	---	---	0.532	0.060	0.061	0.086	0.041	0.004	0.022	---	---	7
8	---	---	---	0.446	0.041	0.104	0.088	0.020	0.005	0.021	---	---	8
9	---	---	---	0.427	0.043	0.138	0.048	0.013	0.004	0.022	---	---	9
10	---	---	---	0.386	0.038	0.141	0.030	0.010	0.007	0.024	---	---	10
11	---	---	---	0.322	0.055	0.152	0.028	0.024	0.019	0.021	---	---	11
12	---	---	---	0.216	0.037	0.118	0.023	0.028	0.012	0.028	---	---	12
13	---	---	---	0.188	0.038	0.105	0.018	0.028	0.009	0.022	---	---	13
14	---	---	---	0.183	0.035	0.081	0.014	0.021	0.007	0.023	---	---	14
15	---	---	---	0.184	0.030	0.068	0.012	0.018	0.006	0.024	---	---	15
16	---	---	---	0.138	0.030	0.047	0.010	0.018	0.010	0.030	---	---	16
17	---	---	---	0.108	0.027	0.033	0.010	0.027	0.014	0.033	---	---	17
18	---	---	---	0.088	0.030	0.026	0.018	0.027	0.017	0.028	---	---	18
19	---	---	---	0.095	0.032	0.018	0.018	0.021	0.014	0.032	---	---	19
20	---	---	---	0.083	0.030	0.014	0.011	0.082	0.020	0.032	---	---	20
21	---	---	---	0.073	0.031	0.014	0.007	0.102	0.021	0.032	---	---	21
22	---	---	---	0.073	0.031	0.014	0.005	0.085	0.019	0.038	---	---	22
23	---	---	---	0.047	0.020	0.012	0.004	0.075	0.018	0.038	---	---	23
24	---	---	---	0.045	0.028	0.010	0.004	0.073	0.032	0.040	---	---	24
25	---	---	---	0.034	0.029	0.008	0.003	0.032	0.036	0.039A	---	---	25
26	---	---	---	0.034	0.026	0.008	0.002	0.019	0.038	0.040E	---	---	26
27	---	---	---	0.034	0.047	0.008	0.002	0.016	0.032	0.040E	---	---	27
28	---	---	---	0.040	0.015	0.012	0.003	0.013	0.033	0.040E	---	---	28
29	---	---	---	0.038	0.021	0.026	0.004	0.012	0.031	0.040E	---	---	29
30	---		---	0.036	0.038	0.085	0.003	0.012	0.023	0.040E	---	---	30
31	---		---		0.087		0.003	0.008		0.040E		---	31
TOTAL	---	---	---	8.888	1.131	1.522	0.783	1.307	0.670	0.921	---	---	TOTAL
MEAN	---	---	---	0.323	0.036	0.051	0.025	0.042	0.018	0.030	---	---	MEAN
MAX	---	---	---	1.00	0.078	0.152	0.112	0.173	0.038	0.040	---	---	MAX
MIN	---	---	---	0.034	0.015	0.008	0.002	0.008	0.004	0.021	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.074
MAXIMUM DAILY, 1.00E ON APR 1
MINIMUM DAILY, 0.002 ON JUL 26

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 30 N
LONG 114 08 40 W
DRAINAGE AREA, 250 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	87.7
FEB	---	AUG	113
MAR	---	SEP	40.8
APR	537	OCT	79.8
MAY	87.7	NOV	---
JUN	132	DEC	---

TOTAL DISCHARGE, 1 370 dam³

BELLY - ST. MARY DIVERSION CANAL - STATION NO. 05AD031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	0E	0.650E	2.25	30.5	60.4	37.4	10.1	5.55	0	23.0	0E	1
2	0E	0E	1.03 E	2.49	29.7	60.5	35.7	10.7	5.38	0	34.9	0E	2
3	0E	0E	1.21 A	2.74	28.3	59.9	34.6	11.0	5.29	0	34.7	0E	3
4	0E	0E	1.66	3.20	28.1	60.4	30.5	11.0	5.25	0	34.5	0E	4
5	0E	0E	1.66	4.24	27.2	61.7	24.3	11.5	5.20	0	34.1	0E	5
6	0E	0E	1.79	10.5	27.6	61.6	25.0	12.3	5.02	0	33.2	0E	6
7	0E	0E	1.79	20.2	30.5	61.4	24.9	12.3	5.65	0	30.4	0E	7
8	0E	0E	1.36	26.2	33.3	61.2	24.3	12.1	5.49	0	18.0	0E	8
9	0E	0E	1.10	24.5	34.3	59.6	23.7	11.9	5.26	0	4.39	0E	9
10	0E	0E	1.30	23.6	37.3	56.0	23.5	11.8	4.89	0	0	0E	10
11	0E	0E	1.15	23.0	42.6	57.6	23.3	11.8	5.11	0	0	0E	11
12	0E	0E	0.885	22.6	46.1	56.5	22.0	11.7	5.10	0	0	0E	12
13	0E	0E	1.27	23.4	51.0	56.4	21.5	11.5	4.84	0	0	0E	13
14	0E	0E	1.05	24.4	47.3	57.8	21.0	11.4	4.73	0	0	0E	14
15	0E	0E	0.884	25.7	44.6	57.3	20.0	11.0	4.77	0	0	0E	15
16	0E	0E	1.05	27.9	42.7	58.9	18.8	9.24	5.08	0	0	0E	16
17	0E	0E	2.24	30.7	48.4	57.3	16.3	7.07	5.04	0	0	0E	17
18	0E	0E	1.58	32.6	55.5	58.2	16.1	6.86	5.06	0	0	0E	18
19	0E	0E	1.18	34.3	58.0	58.8	17.7	7.45	5.34	0	0	0E	19
20	0E	0E	1.32	35.2	57.1	59.2	16.7	8.53	5.15	0	0	0E	20
21	0E	0E	1.88	34.4	54.5	57.8	15.1	8.48	5.15	0	0	0E	21
22	0E	0E	1.72	33.6	53.7	57.4	15.6	8.24	4.87	0	0	0E	22
23	0E	0E	1.55	32.2	54.5	55.5	15.7	8.08	2.88	0	0 A	0E	23
24	0E	0E	1.48	31.4	57.5	50.9	15.7	8.06	0.095	0	0 E	0E	24
25	0E	0E	1.38	30.8	59.5	48.2	15.8	7.93	0.349	0	0 E	0E	25
26	0E	0E	1.34	29.5	59.1	44.3	15.8	8.10	0.263	0	0 E	0E	26
27	0E	0E	2.05	28.8	58.5	43.9	14.4	8.18	0	0	0 E	0E	27
28	0E	0E	2.38	28.4	58.4	42.3	14.7	7.95	0	0	0 E	0E	28
29	0E	0E	2.38	28.1	58.8	38.9	13.0	7.70	0	0	0 E	0E	29
30	0E		2.21	29.3	60.2	38.1	10.2	7.88	0	0	0 E	0E	30
31	0E		2.27		60.6		10.0	7.19		4.01		0E	31
TOTAL	0	0	47.479	705.62	1 437.9	1 857.0	638.2	298.70	123.107	4.01	247.19	0	TOTAL
MEAN	0	0	1.53	23.5	46.4	55.2	20.6	9.64	4.10	0.129	8.24	0	MEAN
MAX	0	0	2.38	35.2	60.6	61.7	37.4	12.3	5.65	4.01	34.9	0	MAX
MIN	0	0	0.650	2.25	27.2	38.1	10.0	6.86	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.1
MAXIMUM DAILY, 61.7 ON JUN 6
MINIMUM DAILY, 0E ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 10 N
LONG 113 33 07 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1959

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	55 100
FEB	0	AUG	25 800
MAR	4 100	SEP	10 800
APR	61 000	OCT	345
MAY	124 000	NOV	21 400
JUN	143 000	DEC	0

TOTAL DISCHARGE, 445 000 dam³

BELLY RIVER NEAR GLENWOOD - STATION NO. 05AD041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.820B	0.780B	1.55 B	0.678	0.787	1.85	1.52	1.61	1.58	3.81	1.28	3.05 B	1
2	0.840B	0.750B	1.20 B	0.632	0.830	1.78	1.44	1.64	1.58	3.47	1.37	3.18 B	2
3	0.900B	0.730B	0.900B	0.801	1.18	1.68	1.32	1.64	1.60	3.38	1.74	3.20 B	3
4	1.25 B	0.720B	0.500B	0.681	1.28	1.48	1.45	1.64	1.60	3.81	1.82	2.70 B	4
5	1.33 B	0.710B	0.490B	0.607	1.17	2.09	1.58	1.62	1.58	2.28	1.80	2.36 B	5
6	1.36 B	0.720B	0.440B	0.830	1.18	2.87	1.49	1.62	1.57	2.08	1.37	2.10 B	6
7	1.40 B	0.730B	0.410B	0.782	1.29	2.48	1.48	1.66	1.64	1.92	1.28	1.80 B	7
8	1.38 B	0.750B	0.383B	0.807	1.43	2.87	1.33	1.58	1.62	1.66	1.09	1.86 B	8
9	1.36 B	0.780B	0.380B	1.18	1.38	1.40	1.24	1.58	1.58	1.38	2.48	2.30 B	9
10	1.37 B	0.810B	0.382B	1.08	1.30	1.48	1.22	1.58	1.60	1.28	5.82	2.35 B	10
11	1.35 B	0.860B	0.400B	1.03	1.38	1.88	1.24	1.63	1.60	1.32	5.60	2.40 B	11
12	1.30 B	0.840B	0.410B	0.988	1.61	1.84	1.28	1.62	1.60	1.38	5.27	2.30 B	12
13	1.27 B	1.08 B	0.440B	0.885	1.90	1.81	1.23	1.66	1.62	1.32	5.00B	2.20 B	13
14	1.24 B	1.18 B	0.500B	0.867	1.76	1.87	1.18	1.66	1.58	1.84	4.60B	2.11 B	14
15	1.20 B	1.24 B	0.550B	0.838	1.68	1.84	1.44	1.64	1.60	2.00	4.20B	1.88 B	15
16	1.15 B	1.22 B	0.580B	0.835	1.58	1.82	1.88	1.63	1.59	2.40	3.80B	1.80 B	16
17	1.14 B	1.20 B	0.680B	0.852	1.67	1.86	1.84	1.62	1.60	4.80	3.78B	1.70 B	17
18	1.15 B	1.16 B	0.770B	0.813	1.80	1.90	1.87	1.64	1.58	6.81	3.70B	1.88 B	18
19	1.16 B	1.15 B	0.874	1.00	1.70	1.87	1.48	1.48	1.59	7.00	3.65B	1.45 B	19
20	1.17 B	1.12 B	0.881	1.02	1.28	1.47	1.37	1.63	1.60	6.49	3.80B	1.35 B	20
21	1.15 B	1.12 B	0.885	0.987	1.23	1.44	1.38	1.48	1.27	5.78	3.80B	1.28 B	21
22	1.13 B	1.12 B	0.774	0.931	1.18	1.70	1.88	1.62	1.28	5.62	3.85B	1.20 B	22
23	1.15 B	1.15 B	0.722	0.758	1.18	2.00	1.88	1.88	1.48	5.23	3.73B	1.10 B	23
24	1.20 B	1.22 B	0.678	0.727	1.33	1.93	1.48	1.84	0.951	4.74	3.10B	1.03 B	24
25	1.28 B	1.32 B	0.684	0.784	1.83	1.88	1.51	1.84	0.858	4.31	2.70B	0.880B	25
26	1.30 B	1.48 B	0.772	0.908	1.38	1.54	1.68	1.61	0.900	4.20B	2.40B	0.820B	26
27	1.34 B	1.55 B	0.726	0.867	1.55	1.48	1.88	1.82	1.64	4.10B	2.38B	0.880B	27
28	1.36 B	1.63 B	0.703	0.883	1.61	1.48	1.83	1.82	3.01	3.90B	2.80B	0.880B	28
29	1.28 B	1.85 B	0.685	0.822	1.71	1.38	1.84	1.80	3.58	3.78B	2.88B	0.890B	29
30	1.14 B		0.640	0.808	1.72	1.62	1.57	1.80	3.85	3.88	2.85B	0.820B	30
31	0.980B		0.618		1.71		1.57	1.88		2.87		1.00 B	31
TOTAL	37.100	30.848	20.718	25.478	44.807	51.84	45.38	48.05	48.987	108.57	92.20	64.870	TOTAL
MEAN	1.20	1.08	0.888	0.849	1.45	1.72	1.48	1.58	1.87	3.44	3.07	1.77	MEAN
MAX	1.40	1.85	1.55	1.18	1.90	2.87	1.88	1.88	3.85	7.00	5.82	3.20	MAX
MIN	0.820	0.710	0.390	0.681	0.787	1.38	1.18	1.42	0.858	1.28	1.09	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 7.00 ON OCT 19
MINIMUM DAILY, 0.390B ON MAR 9
MAXIMUM INSTANTANEOUS,
7.17 AT 07:15 MST ON OCT 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 08 N
LONG 113 28 49 W
DRAINAGE AREA, 857 km²

B - ICE CONDITIONS

REGULATED SINCE 1935

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 210	JUL	3 930
FEB	2 670	AUG	4 240
MAR	1 790	SEP	4 330
APR	2 200	OCT	9 210
MAY	3 880	NOV	7 870
JUN	4 480	DEC	4 740

TOTAL DISCHARGE, 52 600 dam³

BELLY RIVER NEAR MOUNTAIN VIEW - STATION NO. 05AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8288	0.8508	1.488	2.50	5.44	17.4	8.84	2.44	0.847	4.87	4.09	3.28 B	1
2	0.9878	0.8408	1.398	2.75	6.81	15.7	8.52	3.18	1.38	4.78	4.11	2.94 B	2
3	1.00 B	0.8408	1.298	3.31	8.08	14.5	7.57	2.78	1.82	3.81	4.34	2.62 B	3
4	0.9388	0.8008	1.528	3.30	7.85	16.9	7.15	2.30	1.88	3.08	4.81	2.67 B	4
5	0.8788	0.9308	1.258	3.22	8.33	19.3	7.72	1.92	1.78	2.78	4.84	2.07 B	5
6	1.28 B	0.8708	1.388	4.82	8.88	20.0	8.35	1.48	1.87	2.47	5.80	1.88 B	6
7	1.37 B	1.00 B	1.878	9.88	13.3	22.0	7.69	1.84	1.80	2.20	8.58	2.18 B	7
8	1.48 B	1.02 B	1.288	8.89	12.8	22.8	8.84	1.48	1.34	1.88	8.84	2.28 B	8
9	1.52 B	1.04 B	1.178	8.18	13.3	21.1	8.38	1.30	0.928	1.78	8.43	2.30 B	9
10	1.58 B	1.32 B	1.188	7.30	16.8	18.9	8.20	1.20	0.947	1.69	8.00	2.35 B	10
11	1.58 B	1.40 B	1.178	8.84	21.1	17.5	5.70	1.12	1.32	2.02	5.73	2.48 B	11
12	1.54 B	1.58 B	1.548	7.02	28.0	16.1	5.32	1.10	0.981	1.80	5.38	2.30 B	12
13	1.51 B	1.58 B	1.488	7.15	30.5	14.2	4.68	1.13	1.03	1.85	5.248	2.38 B	13
14	1.48 B	1.78 B	1.178	7.72	28.7	12.9	4.80	1.18	1.33	1.87	4.898	1.88 B	14
15	1.46 B	1.70 B	1.088	8.88	23.4	12.2	4.12	1.22	1.07	2.33	4.548	2.88 B	15
16	1.43 B	1.85 B	1.788	11.8	20.8	12.4	3.71	1.38	0.821	4.34	4.128	2.88 B	16
17	1.41 B	1.82 B	1.738	13.8	22.7	14.0	3.47	2.12	0.827	8.24	3.858	2.80 B	17
18	1.40 B	1.80 B	1.628	15.4	22.3	15.8	3.35	2.13	0.812	9.45	3.648	2.33 B	18
19	1.31 B	1.81 B	1.51	16.4	20.1	15.8	3.16	1.88	0.782	9.22	3.368	2.13 B	19
20	1.47 B	1.84 B	1.74	15.8	17.5	15.0	2.89	1.85	0.768	7.84	3.408	1.80 B	20
21	1.57 B	1.83 B	2.08	13.9	15.8	15.2	2.81	2.00	0.873	5.86	3.188	1.70 B	21
22	1.31 B	1.81 B	1.90	12.3	15.6	14.8	3.01	1.82	0.482	5.54	3.148	1.55 B	22
23	0.8398	1.80 B	1.78	10.8	16.1	14.2	3.23	1.24	1.37	5.91	3.448	1.45 B	23
24	0.8678	1.58 B	1.73	10.1	21.2	13.7	3.32	1.15	2.38	5.23	3.108	1.30 B	24
25	1.08 B	1.54 B	1.68	9.58	20.9	13.0	2.89	1.84	2.35	4.78	3.148	1.20 B	25
26	1.12 B	1.55 B	2.05	8.88	18.7	12.5	2.61	1.78	3.70	4.96	2.888	1.10 B	26
27	1.20 B	1.58 B	2.89	7.82	15.5	12.0	2.52	1.57	4.50	4.78	3.258	0.9808	27
28	1.38 B	1.60 B	2.75	7.44	14.9	12.2	2.48	1.38	4.89	4.41	3.608	0.8008	28
29	1.30 B	1.58 B	2.888	8.04	15.6	12.9	2.28	1.22	5.12	4.13	3.858	0.8008	29
30	0.8708		2.848	9.33	15.8	11.6	2.17	1.11	5.03	4.19	3.558	0.9308	30
31	0.8008		2.49		15.6		2.07	0.988		4.07		0.8608	31
TOTAL	38.118	40.140	52.89	263.43	548.86	486.2	147.06	50.508	54.230	134.62	129.95	80.850	TOTAL
MEAN	1.28	1.38	1.71	8.78	17.7	16.5	4.74	1.63	1.81	4.34	4.33	1.88	MEAN
MAX	1.57	1.75	2.89	16.4	30.5	22.8	8.84	3.18	5.12	9.45	8.84	3.28	MAX
MIN	0.825	0.840	1.08	2.50	7.85	11.6	2.07	0.988	0.482	1.78	2.85	0.900	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.43
MAXIMUM DAILY, 30.5 ON MAY 13
MINIMUM DAILY, 0.482 ON SEP 22
MAXIMUM INSTANTANEOUS,
31.3 AT 08:40 MST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 00 N
LONG 113 41 48 W
DRAINAGE AREA, 319 km²

B - ICE CONDITIONS

REGULATED SINCE 1935

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 380	JUL	12 700
FEB	3 470	AUG	4 380
MAR	4 580	SEP	4 680
APR	22 800	OCT	11 600
MAY	47 400	NOV	11 200
JUN	40 300	DEC	6 980

TOTAL DISCHARGE, 172 000 dam³

BERLAND RIVER NEAR THE MOUTH - STATION NO. 07AC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	7.918	17.58	18.2	18.8	85.0	18.3	16.5	15.9	11.58	---	1
2	---	---	7.618	18.48	18.5	19.7	84.7	18.2	16.4	15.8	11.68	---	2
3	---	---	7.648	19.38	17.8	19.2	46.7	18.2	16.2	15.4	---	---	3
4	---	---	7.708	20.18	17.4	18.8	42.4	18.3	16.0	15.2	---	---	4
5	---	---	7.858	20.08	17.2	19.1	40.5	18.4	14.8	15.1	---	---	5
6	---	---	8.078	19.88	17.4	19.8	41.0	18.5	14.9	14.9	---	---	6
7	---	---	8.128	20.78	17.2	23.8	43.8	18.6	15.3	14.8	---	---	7
8	---	---	8.018	20.58	17.0	35.4	43.5	18.6	15.2	14.8	---	---	8
9	---	---	8.538	20.88	17.2	58.1	38.9	18.1	15.2	14.7	---	---	9
10	---	---	8.708	21.08	17.4	78.4	35.3	18.8	15.2	14.7	---	---	10
11	---	---	8.678	22.18	17.7	88.5	32.5	18.8	15.0	14.8	---	---	11
12	---	---	8.248	22.88	18.2	184	31.4	18.2	15.0	14.8	---	---	12
13	---	---	8.858	20.28	18.3	142	41.8	17.9	14.8	14.8	---	---	13
14	---	---	9.008	17.08	23.0	107	43.1	17.8	14.8	14.8	---	---	14
15	---	---	8.988	16.88	28.7	81.8	36.1	17.4	14.8	14.7	---	---	15
16	---	---	9.298	17.78	26.0	66.7	33.8	17.8	14.8	14.8	---	---	16
17	---	---	8.988	22.78	23.3	59.3	30.1	18.0	15.2	14.8	---	---	17
18	---	---	8.748	27.18	21.7	52.6	27.7	20.4	15.7	14.4	---	---	18
19	---	---	10.4 B	28.4	20.8	46.4	26.0	21.0	15.8	14.3	---	---	19
20	---	---	11.2 B	26.8	20.8	43.8	24.8	20.9	15.9	14.2	---	---	20
21	---	---	12.1 B	26.8	19.7	41.3	23.1	20.5	16.2	14.4	---	---	21
22	---	---	12.8 B	26.1	19.4	39.1	21.6	19.8	16.0	14.4	---	---	22
23	---	---	13.0 B	25.5	19.0	36.7	20.4	19.8	15.8	14.5	---	---	23
24	---	---	13.7 B	24.3	18.9	35.8	19.8	19.0	15.5	14.4	---	---	24
25	---	8.308	13.8 B	23.7	19.1	33.9	19.5	17.4	15.4	14.3	---	---	25
26	---	7.858	14.3 B	21.8	19.7	31.8	19.1	16.8	15.8	14.2	---	---	26
27	---	8.218	14.4 B	20.8	19.8	30.5	18.8	16.5	15.9	13.5	---	---	27
28	---	7.988	14.8 B	20.0	19.2	31.5	19.0	16.3	16.1	10.68	---	---	28
29	---	8.128	15.1 B	20.0	19.2	41.2	19.2	16.2	16.3	10.68	---	---	29
30	---		15.5 B	20.0	19.4	56.0	18.9	16.8	16.3	11.19	---	---	30
31	---		16.3 B		19.9		18.8	16.7		11.48		---	31
TOTAL	---	---	329.56	660.6	606.8	1 547.2	996.9	564.9	462.6	439.6	---	---	TOTAL
MEAN	---	---	10.6	21.7	19.8	51.6	32.2	18.2	15.4	14.2	---	---	MEAN
MAX	---	---	16.3	28.4	28.7	184	85.0	21.0	16.3	15.8	---	---	MAX
MIN	---	---	7.84	16.8	17.0	18.8	18.8	16.7	14.8	10.6	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.9
MAXIMUM DAILY, 184 ON JUN 12
MINIMUM DAILY, 7.848 ON MAR 3
MAXIMUM INSTANTANEOUS,
178 AT 11:28 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 47 N
LONG 116 57 47 W
DRAINAGE AREA, 4 740 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	88 300
FEB	---	AUG	45 600
MAR	28 500	SEP	40 000
APR	56 200	OCT	38 000
MAY	52 400	NOV	---
JUN	134 009	DEC	---

TOTAL DISCHARGE, 484 000 dam³

BERRY CREEK BELOW DEADFISH CREEK - STATION NO. 05CH016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.004B	0.048B	0.016	0.750	0.827	0.732	0.002A	0.082	0.003E	---	1
2	---	---	0.004B	0.058B	0.188	0.748	0.817	0.748	0.002E	0.055	0.005A	---	2
3	---	---	0.004B	0.064B	0.508	0.898	0.761	0.501A	0.019E	0.042	---	---	3
4	---	---	0.005B	0.065B	0.741	0.804	0.812	0.435E	0.284	0.020	---	---	4
5	---	---	0.005B	0.089	0.783	0.868	1.23	0.400E	0.303	0.010	---	---	5
6	---	---	0.005B	0.082	0.882	0.826	1.28	0.380E	0.330	0.006	---	---	6
7	---	---	0.006B	0.064	0.823	0.720	1.27	0.360E	0.436	0.003E	---	---	7
8	---	---	0.011B	0.045	0.841	0.788	1.01	0.350E	0.386	0.004E	---	---	8
9	---	---	0.013B	0.037	1.03	0.776	0.863	0.340E	0.294	0.006	---	---	9
10	---	---	0.016B	0.033	0.983	0.692	0.947	0.325E	0.234	0.011	---	---	10
11	---	---	0.016B	0.030	0.955	0.844	0.955	0.290E	0.233	0.017	---	---	11
12	---	---	0.020B	0.022	0.977	0.507	1.03	0.255E	0.234	0.025	---	---	12
13	---	---	0.022B	0.002	0.810	0.338	1.04	0.210E	0.221	0.037	---	---	13
14	---	---	0.023B	0.024	0.780	0.271	1.04	0.185E	0.205	0.041	---	---	14
15	---	0 B	0.024B	0.028	0.723	0.218	0.975	0.155E	0.153	0.043	---	---	15
16	---	0 B	0.026B	0.022	0.784	0.171	0.928	0.180E	0.055	0.044	---	---	16
17	---	0 B	0.027B	0.012	0.795	0.137	0.823	0.133E	0.011	0.051	---	---	17
18	---	0 B	0.028B	0.002	1.01	0.118	0.815	0.117E	0.006	0.065	---	---	18
19	---	0 B	0.029B	0.006	1.02	0.088	0.885	0.121E	0.002	0.070	---	---	19
20	---	0 B	0.030B	0.003E	0.881	0.175	0.721	0.117E	0.131	0.073	---	---	20
21	---	0 B	0.032B	0.002E	1.08	0.473	0.880	0.107E	0.214	0.077	---	---	21
22	---	0 B	0.033B	0.002E	1.03	0.551	0.817	0.094E	0.248	0.084	---	---	22
23	---	0 B	0.034B	0.004E	0.912	0.820	0.536	0.084E	0.288	0.091	---	---	23
24	---	0 B	0.035B	0.013	0.937	0.815	0.504	0.088E	0.262	0.127	---	---	24
25	---	0 B	0.036B	0.017	0.936	0.817	0.415	0.085E	0.234	0.094	---	---	25
26	---	0 B	0.037B	0.017	0.973	0.758	0.383	0.050E	0.205	0.081	---	---	26
27	---	0.001B	0.038B	0.020	0.901	0.784	0.481	0.011E	0.173	0.072	---	---	27
28	---	0.002B	0.039B	0.020	0.813	0.815	0.587	0.014E	0.150	0.078	---	---	28
29	---	0.003B	0.041B	0.020	0.843	0.847	0.718	0.019E	0.121	0.063	---	---	29
30	---		0.042B	0.018	0.885	0.854	0.720	0.023E	0.098	0.084	---	---	30
31	---		0.044B		0.704		0.718	0.017E		0.002E		---	31
TOTAL	---	---	0.733	0.817	24.894	17.626	25.530	5.883	5.503	1.545	---	---	TOTAL
MEAN	---	---	0.024	0.027	0.803	0.588	0.824	0.222	0.183	0.050	---	---	MEAN
MAX	---	---	0.044	0.089	1.08	0.855	1.28	0.748	0.438	0.127	---	---	MAX
MIN	---	---	0.004	0.002	0.016	0.089	0.383	0.011	0.002	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.361
MAXIMUM DAILY, 1.28 ON JUL 8
MINIMUM DAILY, 0.002 ON APR 13
MAXIMUM INSTANTANEOUS,
1.32 AT 22:38 MST ON JUL 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 09 N
LONG 111 45 59 W
DRAINAGE AREA, 2 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 210
FEB	---	AUG	588
MAR	83.3	SEP	476
APR	70.6	OCT	133
MAY	2 150	NOV	---
JUN	1 530	DEC	---

TOTAL DISCHARGE, 7 220 dam³

BERRY CREEK NEAR ROSE LYNN - STATION NO. 05CH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	0A	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	0B	0B	0	0	0	0	0	0	0	---	---	15
16	---	0B	0	0	0	0	0	0	0	0	---	---	16
17	---	0B	0	0	0	0	0	0	0	0	---	---	17
18	---	0B	0	0	0	0	0	0	0	0	---	---	18
19	---	0B	0	0	0	0	0	0	0	0	---	---	19
20	---	0B	0	0	0	0	0	0	0	0	---	---	20
21	---	0B	0	0	0	0	0	0	0	0	---	---	21
22	---	0B	0	0	0	0	0	0	0	0	---	---	22
23	---	0B	0	0	0	0	0	0	0	0	---	---	23
24	---	0B	0	0	0	0	0	0	0	0	---	---	24
25	---	0B	0	0	0	0	0	0	0	0	---	---	25
26	---	0B	0	0	0	0	0	0	0	0	---	---	26
27	---	0B	0	0	0	0	0	0	0	0	---	---	27
28	---	0B	0	0	0	0	0	0	0	0	---	---	28
29	---	0B	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 56 N
LONG 111 29 41 W
DRAINAGE AREA, 1 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

BERRY CREEK NEAR THE MOUTH - STATION NO. 05CH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0028	0.074	0.009	0.382A	0.285	0.010	0.001	0.001	0.006	---	1
2	---	---	0.0028	0.087	0.010	0.152A	0.287	0.282	0.001	0.001	0.006	---	2
3	---	---	0.0028	0.085	0.011	0.085	0.371	0.458	0.003	0.001	0.005A	---	3
4	---	---	0.0038	0.086	0.008	0.048	0.281	0.462	0.002	0.001	---	---	4
5	---	---	0.0038	0.083	0.007	0.030	0.251	0.405	0.001	0.001	---	---	5
6	---	---	0.0048	0.080	0.008	0.208	0.123	0.283	0.001	0.001	---	---	6
7	---	---	0.0048	0.070	0.113	0.288	0.148	0.264	0.001	0.001	---	---	7
8	---	---	0.0058	0.054	0.187	0.528	0.288	0.253	0.001	0.001	---	---	8
9	---	---	0.0058	0.045	0.107	0.840	0.337	0.155	0.001	0.001	---	---	9
10	---	---	0.0068	0.045	0.082	0.563	0.181	0.134	0.001	0.001	---	---	10
11	---	---	0.0078	0.048	0.040	0.482	0.085	0.111	0.001	0.001	---	---	11
12	---	---	0.0088	0.044	0.204	0.350	0.078	0.098	0.001	0.001	---	---	12
13	---	---	0.0098	0.043	0.153	0.449	0.053	0.106	0.001	0.001	---	---	13
14	---	---	0.0108	0.039	0.146	0.422	0.036	0.098	0.001	0.001	---	---	14
15	---	---	0.0118	0.034	0.238	0.315	0.023	0.079	0.001	0.001	---	---	15
16	---	---	0.0138	0.029	0.225	0.190	0.035	0.070	0.001	0.001	---	---	16
17	---	0 B	0.0148	0.018	0.224	0.151	0.112	0.075	0.001	0.001	---	---	17
18	---	0 B	0.0198	0.022	0.192	0.115	0.143	0.075	0.001	0.001	---	---	18
19	---	0 B	0.0248	0.023	0.128	0.089	0.113	0.086	0.001	0.001	---	---	19
20	---	0 B	0.0328	0.024	0.092	0.070	0.080	0.085	0.001	0.001	---	---	20
21	---	0 B	0.063	0.022	0.068	0.063	0.052	0.084	0.001	0.001	---	---	21
22	---	0 B	0.064	0.019	0.014	0.056	0.112	0.045	0.001	0.002	---	---	22
23	---	0 B	0.062	0.022	0.037	0.048	0.080	0.035	0.001	0.001	---	---	23
24	---	0 B	0.070	0.023	0.060	0.038	0.082	0.035	0.001	0.001	---	---	24
25	---	0.0018	0.078	0.020	0.018	0.018	0.088	0.013	0.001	0.001	---	---	25
26	---	0.0018	0.078	0.020	0.081	0.002	0.058	0.002	0.001	0.001	---	---	26
27	---	0.0018	0.073	0.021	0.086	0.138	0.032	0.002	0.001	0.003	---	---	27
28	---	0.0018	0.068	0.020	0.081	0.245	0.044	0.001	0.002	0.005	---	---	28
29	---	0.0018	0.067	0.018	0.286	0.232	0.033	0.008	0.001	0.006	---	---	29
30	---		0.070	0.013	0.362	0.386	0.012	0.005	0.001	0.006	---	---	30
31	---		0.071		0.345		0.008	0.002		0.006		---	31
TOTAL	---	---	0.864	1.132	3.881	7.208	3.843	3.749	0.034	0.051	---	---	TOTAL
MEAN	---	---	0.031	0.038	0.115	0.240	0.124	0.121	0.001	0.002	---	---	MEAN
MAX	---	---	0.082	0.074	0.362	0.840	0.371	0.462	0.003	0.006	---	---	MAX
MIN	---	---	0.002	0.013	0.007	0.002	0.008	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 0.840 ON JUN 9
MINIMUM DAILY, 0.001 ON AUG 28
MAXIMUM INSTANTANEOUS,
2.31 AT 17:30 MST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 18 N
LONG 111 35 28 W
DRAINAGE AREA, 3 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	332
FEB	---	AUG	324
MAR	83.3	SEP	2.94
APR	97.8	OCT	4.41
MAY	306	NOV	---
JUN	623	DEC	---

TOTAL DISCHARGE, 1 780 dam³

BERRY CREEK RESERVOIR NEAR SUNNYNOOK - STATION NO. 05CH014

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	731.614	731.582	731.575	731.242	731.439	731.388	731.810	731.983	731.885A	---	1
2	---	---	731.611	731.583	731.552	731.285	731.436	731.407	731.841	731.983	---	---	2
3	---	---	731.611	731.585	731.530	731.283	731.437	731.436	731.871	731.967	---	---	3
4	---	---	731.612	731.583	731.508	731.305	731.437	731.473	731.898	731.956	---	---	4
5	---	---	731.618	731.586	731.488	731.332	731.427	731.511	731.824	731.951	---	---	5
6	---	---	731.615	731.588	731.470	731.384	731.407	731.541	731.849	731.953	---	---	6
7	---	---	731.620	731.586	731.452	731.374	731.414	731.589	731.879	731.952	---	---	7
8	---	---	731.623	731.581	731.420	731.413	731.406	731.586	731.883	731.952	---	---	8
9	---	---	731.624	731.580	731.404	731.463	731.381	731.614	732.000	731.948	---	---	9
10	---	---	731.621	731.581	731.381	731.487	731.368	731.634	732.018	731.947	---	---	10
11	---	---	731.625	731.587	731.368	731.488	731.342	731.682	732.014	731.945	---	---	11
12	---	---	731.625	731.588	731.359	731.488	731.324	731.684	732.027	731.944	---	---	12
13	---	---	731.626	731.587	731.335	731.507	731.283	731.689	732.030	731.942	---	---	13
14	---	---	731.626	731.584	731.342	731.521	731.272	731.685	732.028	731.938	---	---	14
15	---	731.618A	731.622	731.586	731.335	731.519	731.240	731.651	732.023	731.936	---	---	15
16	---	731.608	731.620	731.586	731.333	731.527	731.220	731.650	732.013	731.932	---	---	16
17	---	731.610	731.618	731.631	731.330	731.526	731.181	731.637	732.002	731.933	---	---	17
18	---	731.608	731.624	731.632	731.322	731.517	731.174	731.638	731.978	731.923	---	---	18
19	---	731.607	731.626	731.626	731.317	731.509	731.150	731.638	731.944	731.923	---	---	19
20	---	731.613	731.629	731.618	731.317	731.504	731.130	731.639	731.883	731.923	---	---	20
21	---	731.618	731.637	731.618	731.288	731.489	731.112	731.648	731.880	731.922	---	---	21
22	---	731.608	731.634	731.611	731.283	731.484	731.107	731.648	731.881	731.926	---	---	22
23	---	731.607	731.634	731.608	731.268	731.478	731.108	731.644	731.884	731.911	---	---	23
24	---	731.608	731.638	731.604	731.240	731.478	731.138	731.683	731.892	731.918	---	---	24
25	---	731.611	731.638	731.593	731.224	731.480	731.170	731.644	731.888	731.902	---	---	25
26	---	731.608	731.636	731.580	731.221	731.447	731.201	731.648	731.888	731.911	---	---	26
27	---	731.606	731.637	731.580	731.202	731.442	731.242	731.655	731.887	731.898	---	---	27
28	---	731.612	731.636	731.589	731.186	731.441	731.288	731.688	731.883	731.889	---	---	28
29	---	731.611	731.642	731.577	731.214	731.442	731.368	731.718	731.888	731.884	---	---	29
30	---		731.648	731.573	731.238	731.436	731.317	731.758	731.888	731.883	---	---	30
31	---		731.658		731.236		731.338	731.778		731.883		---	31
MEAN	---	---	731.627	731.631	731.367	731.441	731.283	731.818	731.885	731.938	---	---	MEAN
MAX	---	---	731.658	731.668	731.575	731.527	731.439	731.778	732.030	731.983	---	---	MAX
MIN	---	---	731.611	731.573	731.186	731.242	731.108	731.388	731.810	731.883	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 732.030 ON SEP 13

MAXIMUM INSTANTANEOUS,
732.048 AT 18:11 MST ON SEP 12

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 44 N
LONG 111 36 22 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
1 800 km²

BERRY CREEK RESERVOIR OUTLET - STATION NO. 05CH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0.080A	0.412	0.363	0.661	0	0	0A	---	1
2	---	---	0B	0	0.594	0.405	0.364	0.665	0	0	---	---	2
3	---	---	0B	0	0.593	0.404	0.357	0.265	0	0	---	---	3
4	---	---	0B	0	0.577	0.407	0.363	0.198	0	0	---	---	4
5	---	---	0B	0	0.572	0.416	0.366	0.137	0	0	---	---	5
6	---	---	0B	0	0.572	0.428	0.359	0.230	0	0	---	---	6
7	---	---	0B	0	0.547	0.423	0.365	0.366	0	0	---	---	7
8	---	---	0B	0	0.531	0.481	0.357	0.403	0.007	0	---	---	8
9	---	---	0B	0	0.532	0.308	0.276	0.367	0.330	0	---	---	9
10	---	---	0B	0	0.532	0.085	0.300	0.373	0.334	0	---	---	10
11	---	---	0B	0	0.529	0.052	0.376	0.386	0.355	0	---	---	11
12	---	---	0B	0	0.519	0.177	0.365	0.376	0.363	0	---	---	12
13	---	---	0B	0	0.509	0.185	0.386	0.246	0.373	0	---	---	13
14	---	---	0B	0	0.380	0.235	0.533	0.012	0.375	0	---	---	14
15	---	0B	0B	0	0.379	0.231	0.521	0.006	0.380	0	---	---	15
16	---	0B	0	0	0.378	0.230	0.544	0.004	0.333	0	---	---	16
17	---	0B	0	0	0.388	0.278	0.556	0.004	0.347	0	---	---	17
18	---	0B	0	0	0.384	0.385	0.556	0.003	0.339	0	---	---	18
19	---	0B	0	0	0.381	0.388	0.559	0.003	0.327	0	---	---	19
20	---	0B	0	0	0.429	0.385	0.575	0.002	0.302	0	---	---	20
21	---	0B	0	0	0.601	0.381	0.582	0.002	0.021	0	---	---	21
22	---	0B	0	0	0.711	0.382	0.602	0.001	0.005	0	---	---	22
23	---	0B	0	0	0.680	0.388	0.448	0	0.003	0	---	---	23
24	---	0B	0	0	0.653	0.385	0.184	0	0.005	0	---	---	24
25	---	0B	0	0	0.648	.0.388	0.011	0	0.005	0	---	---	25
26	---	0B	0	0	0.648	0.383	0.002	0	0.004	0	---	---	26
27	---	0B	0	0	0.641	0.380	0.006	0	0.003	0	---	---	27
28	---	0B	0	0	0.647	0.381	0.070	0	0.005	0	---	---	28
29	---	0B	0	0	0.638	0.386	0.285	0	0.003	0	---	---	29
30	---		0	0	0.626	0.381	0.040	0	0.001	0	---	---	30
31	---		0		0.484		0.198	0		0		---	31
TOTAL	---	---	0	0	15.787	9.883	10.888	4.772	4.200	0	---	---	TOTAL
MEAN	---	---	0	0	0.509	0.332	0.354	0.154	0.140	0	---	---	MEAN
MAX	---	---	0	0	0.711	0.481	0.602	0.665	0.375	0	---	---	MAX
MIN	---	---	0	0	0.080	0.052	0.002	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.188
MAXIMUM DAILY, 0.711 ON MAY 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.822 AT 15:55 MST ON JUN 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 23 N
LONG 111 37 51 W
DRAINAGE AREA, 1 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	848
FEB	---	AUG	412
MAR	0	SEP	383
APR	0	OCT	0
MAY	1 380	NOV	---
JUN	861	DEC	---

TOTAL DISCHARGE, 3 840 dam³

BIGELOW RESERVOIR NEAR WIMBORNE - STATION NO. 05CE801

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	882.084E	882.236	882.102	882.127	882.057	882.125	882.121	---	---	1
2	---	---	---	882.081E	882.234	882.094	882.123	882.085	882.122	882.121	---	---	2
3	---	---	---	882.088E	882.231	882.087	882.119	882.036	882.118	882.120A	---	---	3
4	---	---	---	882.108E	882.228	882.085	882.119	882.095	882.114	---	---	---	4
5	---	---	---	882.114A	882.223	882.086	882.121	882.083	882.109	---	---	---	5
6	---	---	---	882.126E	882.223	882.087	882.133	882.080	882.105	---	---	---	6
7	---	---	---	882.137E	882.222	882.086	882.141	882.086	882.103	---	---	---	7
8	---	---	---	882.148E	882.221	882.087	882.144	882.085	882.099	---	---	---	8
9	---	---	---	882.160	882.218	882.111	882.148	882.051	882.094	---	---	---	9
10	---	---	---	882.189	882.215	882.131	882.143	882.049	882.092	---	---	---	10
11	---	---	---	882.212	882.213	882.142	882.138	882.048	882.091	---	---	---	11
12	---	---	---	882.227	882.211	882.149	882.136	882.047	882.090	---	---	---	12
13	---	---	---	882.236	882.206	882.157	882.136	882.044	882.088	---	---	---	13
14	---	---	---	882.240	882.204	882.173	882.134	882.042	882.086	---	---	---	14
15	---	---	---	882.243	882.200	882.183	882.133	882.042	882.085	---	---	---	15
16	---	---	---	882.246	882.192	882.180	882.130	882.051	882.087	---	---	---	16
17	---	881.926A	---	882.248	882.188	882.183	882.125	882.080	882.092	---	---	---	17
18	---	---	---	882.248	882.182	882.183	882.121	882.088	882.093	---	---	---	18
19	---	---	---	882.248	882.178	882.180	882.118	882.074	882.093	---	---	---	19
20	---	---	---	882.248	882.170	882.184	882.117	882.081	882.088	---	---	---	20
21	---	---	---	882.248	882.183	882.178	882.116	882.092	882.100	---	---	---	21
22	---	---	---	882.248	882.186	882.170	882.118	882.087	882.100	---	---	---	22
23	---	---	882.015A	882.250	882.148	882.183	882.113	882.089	882.101	---	---	---	23
24	---	---	---	882.251	882.143	882.188	882.108	882.102	882.104	---	---	---	24
25	---	---	---	882.250	882.137	882.148	882.102	882.108	882.109	---	---	---	25
26	---	---	---	882.248	882.131	882.141	882.097	882.116	882.113	882.108A	---	---	26
27	---	---	---	882.247	882.125	882.136	882.093	882.121	882.115	---	---	---	27
28	---	---	---	882.246	882.120	882.133	882.088	882.124	882.116	---	---	---	28
29	---	---	---	882.242	882.115	882.131	882.078	882.127	882.118	---	---	---	29
30	---		---	882.239	882.114	882.130	882.070	882.127	882.120	---	---	---	30
31	---		---		882.111		882.082	882.126		---		---	31
MEAN	---	---	---	882.204	882.182	882.140	882.118	882.077	882.103	---	---	---	MEAN
MAX	---	---	---	882.251	882.236	882.183	882.148	882.127	882.125	---	---	---	MAX
MIN	---	---	---	882.084	882.111	882.085	882.082	882.042	882.085	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 882.251 ON APR 24

MAXIMUM INSTANTANEOUS,
882.351 AT 12:33 MST ON APR 24

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 15 N
LONG 113 27 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

A - MANUAL GAUGE
E - ESTIMATED
REGULATED
DRAINAGE AREA,
413 km²

BIGKNIFE CREEK NEAR GADSBY - STATION NO. 08FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.004	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.008	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.007	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.007	0	0	0	0	0	---	---	5
6	---	---	0B	0.087B	0.007	0	0	0	0	0	---	---	6
7	---	---	0B	0.248B	0.008	0	0	0	0	0	---	---	7
8	---	---	0B	1.08 B	0.007	0.121	0	0	0	0	---	---	8
9	---	---	0B	3.75	0.006	1.52	0	0	0	0	---	---	9
10	---	---	0B	2.86	0.002	0.936	0	0	0	0	---	---	10
11	---	---	0B	1.61	0	1.87	0	0	0	0	---	---	11
12	---	---	0B	1.18	0	1.06	0	0	0	0	---	---	12
13	---	---	0B	0.867	0	0.548	0	0	0	0	---	---	13
14	---	---	0B	0.625	0	0.310	0	0	0	0	---	---	14
15	---	---	0B	0.525	0	0.141	0	0	0	0	---	---	15
16	---	---	0B	0.362	0	0.049	0	0	0	0	---	---	16
17	---	---	0B	0.271	0	0.018	0	0	0	0	---	---	17
18	---	---	0B	0.226	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.151	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.109	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.070	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.048	0	0	0	0	0	0	---	---	22
23	---	0B	0B	0.026	0	0	0	0	0	0	---	---	23
24	---	0B	0B	0.022	0	0	0	0	0	0	---	---	24
25	---	0B	0B	0.019	0	0	0	0	0	0	---	---	25
26	---	0B	0B	0.020	0	0	0	0	0	0	---	---	26
27	---	0B	0B	0.017	0	0	0	0	0	0	---	---	27
28	---	0B	0B	0.013	0	0	0	0	0	0	---	---	28
29	---	0B	0B	0.006	0	0	0	0	0	0	---	---	29
30	---		0B	0.002	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	14.298	0.054	5.580	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.477	0.002	0.219	0	0	0	0	---	---	MEAN
MAX	---	---	0	3.75	0.008	1.87	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.085
MAXIMUM DAILY, 3.75 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.45 AT 08:00 MST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 26 04 N
LONG 112 21 18 W
DRAINAGE AREA, 223 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 240	OCT	0
MAY	4.67	NOV	---
JUN	587	DEC	---

TOTAL DISCHARGE, 1 810 dam³

BIRCH CREEK NEAR CONKLIN - STATION NO. 07CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.030B	0.045B	0.150B	0.327	0.706	0.356	0.256	0.297	0.228B	---	1
2	---	---	0.030B	0.045B	0.260B	0.347	0.574	0.313	0.246	0.280	0.227B	---	2
3	---	---	0.030B	0.045B	0.350B	0.339	0.486	0.288	0.184	0.303	0.223B	---	3
4	---	---	0.030B	0.043B	0.431B	0.347	0.447	0.263	0.183	0.282	---	---	4
5	---	---	0.033B	0.038B	0.53B	0.421	0.514	0.233	0.168	0.272	---	---	5
6	---	---	0.037B	0.043B	0.510	0.533	0.515	0.220	0.182	0.276	---	---	6
7	---	---	0.042B	0.041B	0.659	0.707	0.684	0.219	0.180	0.278	---	---	7
8	---	---	0.045B	0.030B	0.681	0.711	0.635	0.216	0.188	0.276	---	---	8
9	---	---	0.042B	0.035B	0.681	0.670	0.683	0.207	0.188	0.271	---	---	9
10	---	---	0.040B	0.045B	0.544	0.820	0.778	0.201	0.186	0.276	---	---	10
11	---	---	0.040B	0.051B	0.530	0.626	0.681	0.196	0.207	0.274	---	---	11
12	---	---	0.042B	0.031B	0.685	0.754	0.691	0.190	0.195	0.260	---	---	12
13	---	---	0.042B	0.037B	0.500	1.18	0.683	0.190	0.182	0.281	---	---	13
14	---	---	0.039B	0.082B	0.470	0.810	1.04	0.181	0.178	0.288	---	---	14
15	---	---	0.033B	0.114B	0.448	0.782	1.34	0.182	0.181	0.258	---	---	15
16	---	---	0.025B	0.120B	0.462	0.678	1.22	0.182	0.180	0.268	---	---	16
17	---	---	0.024B	0.117B	0.428	0.597	1.22	0.189	0.208	0.243	---	---	17
18	---	---	0.035B	0.113B	0.415	0.640	1.09	0.187	0.238	0.243	---	---	18
19	---	---	0.038B	0.105B	0.417	0.583	0.816	0.186	0.237	0.240	---	---	19
20	---	---	0.042B	0.100B	0.398	0.588	0.801	0.178	0.247	0.239	---	---	20
21	---	---	0.047B	0.100B	0.385	0.558	0.674	0.188	0.256	0.229	---	---	21
22	---	---	0.054B	0.105B	0.373	0.553	0.586	0.307	0.265	0.225	---	---	22
23	---	---	0.052B	0.105B	0.345	0.510	0.576	0.358	0.284	0.207	---	---	23
24	---	---	0.047B	0.097B	0.332	0.517	0.478	0.288	0.278	0.215B	---	---	24
25	---	---	0.041B	0.104B	0.322	0.460	0.417	0.230	0.281	0.211B	---	---	25
26	---	---	0.035B	0.113B	0.321	0.315	0.409	0.190	0.285	0.207B	---	---	26
27	---	---	0.035B	0.123B	0.317	0.338	0.348	0.187	0.287	0.203B	---	---	27
28	---	---	0.035B	0.135B	0.313	0.388	0.314	0.173	0.314	0.202B	---	---	28
29	---	---	0.035B	0.150B	0.290	0.631	0.306	0.187	0.330	0.201B	---	---	29
30	---		0.034B	0.165B	0.288	0.794	0.334	0.178	0.312	0.220B	---	---	30
31	---		0.043B		0.314		0.403	0.217		0.224B		---	31
TOTAL	---	---	1.188	2.457	12.697	17.525	20.648	6.610	6.684	7.674	---	---	TOTAL
MEAN	---	---	0.038	0.082	0.410	0.584	0.673	0.220	0.228	0.248	---	---	MEAN
MAX	---	---	0.054	0.165	0.681	1.18	1.34	0.358	0.330	0.303	---	---	MAX
MIN	---	---	0.025	0.030	0.190	0.315	0.306	0.166	0.168	0.201	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.311
MAXIMUM DAILY, 1.34 ON JUL 15
MINIMUM DAILY, 0.025B ON MAR 16
MAXIMUM INSTANTANEOUS,
1.44 AT 11:14 MST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 37 07 N
LONG 111 05 08 W
DRAINAGE AREA, 232 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 800
FEB	---	AUG	586
MAR	102	SEP	595
APR	212	OCT	663
MAY	1 100	NOV	---
JUN	1 510	DEC	---

TOTAL DISCHARGE, 5 570 dam³

BIRCH RIVER BELOW ALICE CREEK - STATION NO. 07KE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.740B	0.668B	232	103	94.3	136	42.7	29.3	9.00B	---	1
2	---	---	0.662B	0.668B	232	115	88.3	114	40.6	28.3	9.20B	---	2
3	---	---	0.598B	0.668B	226	128	87.9	96.3	55.3	28.9	---	---	3
4	---	---	0.560B	0.733B	224	135	76.5	76.3	65.9	25.6 A	---	---	4
5	---	---	0.551B	0.723B	233	139	79.2	67.3	73.6	24.1 E	---	---	5
6	---	---	0.522B	0.755B	221	142	78.4	56.6	73.5	23.0 E	---	---	6
7	---	---	0.530B	0.789B	220	142	86.7	52.8	67.1A	21.6 E	---	---	7
8	---	---	0.538B	0.670B	219	138	171	48.5	60.1	20.3 E	---	---	8
9	---	---	0.538B	0.849B	216	132	266	44.1	53.6	19.4 E	---	---	9
10	---	---	0.530B	1.06 B	206	125	267	41.5	48.1	18.2 E	---	---	10
11	---	---	0.508B	1.23 B	195	118	266	38.1	43.2	17.3 E	---	---	11
12	---	---	0.504B	1.37 B	183	126	280	35.5	38.5	16.4 E	---	---	12
13	---	---	0.508B	1.50 B	170	144	273	32.8	35.0	15.7 E	---	---	13
14	---	---	0.500B	1.81 B	158	157	274	30.4	31.8	15.0 E	---	---	14
15	---	---	0.480B	3.89 B	148	198	286	32.5	29.1	14.1 E	---	---	15
16	---	---	0.461B	7.86 B	140	180	291	33.6	27.5	13.4 E	---	---	16
17	---	---	0.452B	14.1 B	133	165	291	32.7	26.2	12.8 E	---	---	17
18	---	---	0.454B	39.4 B	130	163	290	31.5	25.3A	12.3 E	---	---	18
19	---	---	0.457B	68.0 B	128	175	290	30.9	25.2E	11.8 E	---	---	19
20	---	---	0.438B	70.0 B	128	189	291	29.9	24.9E	11.0 E	---	---	20
21	---	---	0.417B	82.0 B	126	142	293	29.3	24.8E	10.6 E	---	---	21
22	---	---	0.442B	88.0 B	125	124	292	29.4	24.2E	10.2 B	---	---	22
23	---	---	0.455B	112 B	121	107	291	28.5	24.0E	9.80B	---	---	23
24	---	---	0.480B	125 B	116	92.8	290	26.9	25.8A	9.40B	---	---	24
25	---	---	0.500B	140 B	111	78.9	284	24.8	27.7	8.80B	---	---	25
26	---	---	0.520B	152 B	105	69.9	276	23.6	26.6	8.80B	---	---	26
27	---	---	0.580B	165 B	98.4	61.6	282	22.1	26.2	8.80B	---	---	27
28	---	---	0.580B	173 B	95.1	56.7	243	20.4	26.6	8.60B	---	---	28
29	---	---	0.610B	189	90.3	55.2	213	18.7	30.2	8.60B	---	---	29
30	---		0.620B	218	87.0	53.8	186	17.2	30.1	8.60B	---	---	30
31	---		0.644B		92.1		161	21.8		8.70B		---	31
TOTAL	---	---	16.391	1 868.28I	4 896.9	3 736.2	6 867.3	1 326.3	1 198.9	477.20	---	---	TOTAL
MEAN	---	---	0.529	65.8	158	125	222	42.8	38.0	15.4	---	---	MEAN
MAX	---	---	0.740	218	232	185	293	136	73.6	29.3	---	---	MAX
MIN	---	---	0.417	0.668	87.0	53.8	84.3	17.2	24.0	8.60	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.3
MAXIMUM DAILY, 293 ON JUL 21
MINIMUM DAILY, 0.417B ON MAR 21
MAXIMUM INSTANTANEOUS,
284 AT 19:47 MST ON JUL 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 19 20 N
LONG 113 04 05 W
DRAINAGE AREA, 8 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	583 000
FEB	---	AUG	115 000
MAR	1 420	SEP	101 000
APR	144 000	OCT	41 200
MAY	423 000	NOV	---
JUN	323 000	DEC	---

TOTAL DISCHARGE, 1 740 000 dam³

BLACKMUD CREEK NEAR ELLERSLIE - STATION NO. 05DF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0188	0.041	0	0.083	0.082	0.048	0.012	0.0048	---	1
2	---	---	0 B	0.0218	0.088	0	0.018	0.088	0.041	0.010	---	---	2
3	---	---	0 B	0.0288	0.048	0	0.010	0.083	0.032	0.008	---	---	3
4	---	---	0 B	0.0218	0.031	0	0.018	0.058	0.027	0.009	---	---	4
5	---	---	0 B	0.0198	0.024	0	0.084	0.048	0.022	0.010	---	---	5
6	---	---	0 B	0.0238	0.026	0	9.44	0.074	0.020	0.008	---	---	6
7	---	---	0 B	0.0288	0.021	0	8.57	0.157	0.017	0.008	---	---	7
8	---	---	0.0058	0.0288	0.018	0	4.82	0.118	0.014	0.008	---	---	8
9	---	---	0.0108	0.1238	0.018	0.800	2.58	0.083	0.011	0.008	---	---	9
10	---	---	0.0088	0.1238	0.018	0.483	1.87	0.122	0.012	0.008	---	---	10
11	---	---	0.0068	0.0868	0.018	0.158	1.31	0.080	0.182	0.007	---	---	11
12	---	---	0.0058	0.1018	0.018	0.174	3.06	0.088	0.113	0.008	---	---	12
13	---	---	0.0048	0.0748	0.013	0.088	5.82	0.048	0.048	0.008	---	---	13
14	---	---	0.0038	0.084	0.018	0.037	3.25	0.038	0.038	0.003	---	---	14
15	---	---	0.0028	0.033	0.021	0.020	2.21	0.036	0.032	0.001	---	---	15
16	---	---	0.0028	0.018	0.018	0.038	1.68	0.083	0.027	0.002	---	---	16
17	---	---	0.0058	0.008	0.018	0.027	1.32	0.078	0.071	0.007	---	---	17
18	---	---	0.0188	0.008	0.017	0.015	1.08	0.334	0.138	0.028	---	---	18
19	---	---	0.0328	0.008	0.018	0.014	0.874	0.523	0.085	0.028	---	---	19
20	---	---	0.0458	0.007	0.013	0.011	0.746	0.262	0.069	0.027	---	---	20
21	---	---	0.0478	0.008	0.008	0.007	0.822	1.71	0.083	0.021	---	---	21
22	---	---	0.0478	0.010	0.003	0.004	0.509	1.13	0.080	0.021	---	---	22
23	---	---	0.0428	0.015	0	0.008	0.548	0.544	0.042	0.018	---	---	23
24	---	---	0.0368	0.012	0	0.088	0.421	0.301	0.028	0.014	---	---	24
25	---	---	0.0278	0.010	0	0.212	0.288	0.324	0.017	0.012	---	---	25
26	---	---	0.0258	0.010	0	0.147	0.204	0.257	0.015	0.011	---	---	26
27	---	---	0.0238	0.011	0	0.081	0.154	0.215	0.017	0.0088	---	---	27
28	---	---	0.0248	0.010	0	0.894	0.120	0.280	0.024	0.0058	---	---	28
29	---	---	0.0198	0.008	0	0.813	0.098	0.215	0.022	0.0038	---	---	29
30	---		0.0118	0.018	0	0.277	0.078	0.088	0.018	0.0038	---	---	30
31	---		0.0118		0		0.060	0.088		0.0048		---	31
TOTAL	---	---	0.466	0.840	0.473	3.882	51.676	7.835	1.348	0.330	---	---	TOTAL
MEAN	---	---	0.015	0.031	0.015	0.132	1.67	0.248	0.045	0.011	---	---	MEAN
MAX	---	---	0.047	0.123	0.066	0.813	9.44	1.71	0.182	0.028	---	---	MAX
MIN	---	---	0	0.006	0	0	0.010	0.036	0.011	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.273
MAXIMUM DAILY, 9.44 ON JUL 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.1 AT 17:42 MST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 50 N
LONG 113 30 56 W
DRAINAGE AREA, 643 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 480
FEB	---	AUG	660
MAR	38.3	SEP	116
APR	81.2	OCT	28.5
MAY	40.8	NOV	---
JUN	342	DEC	---

TOTAL DISCHARGE, 5 770 dam³

BLINDMAN RIVER NEAR BLACKFALDS - STATION NO. 05CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0308	0.0288	0.0828	0.7208	0.122	0.070	0.082	0.302	0.893	1.33	0.883	0.3508	1
2	0.0278	0.0218	0.0808	0.4308	0.218	0.083	0.109	0.188	0.587	1.17	0.750	0.3508	2
3	0.0288	0.0208	0.0808	0.3108	0.282	0.082	0.311	0.148	0.721	1.03	0.698	0.3488	3
4	0.0298	0.0208	0.0838	0.3008	0.288	0.028	0.378	0.122	0.494	0.888	0.698	0.3458	4
5	0.0248	0.0208	0.0928	1.36 B	0.213	0.029	0.461	0.114	0.231	0.770	0.713	0.3328	5
6	0.0228	0.0208	0.1308	1.74 B	0.227	0.089	0.857	0.116	0.184	0.667	0.715	0.3028	6
7	0.0218	0.0238	0.1908	2.09 B	0.221	0.056A	8.33	0.120	0.170	0.563	0.7308	0.3148	7
8	0.0208	0.0268	0.2558	2.01 B	0.182	0.125A	45.4	0.117	0.152	0.442	0.7108	0.3158	8
9	0.0208	0.0308	0.2208	1.96 B	0.153	0.841	28.2	0.180	0.184	2.430	0.8958	0.3108	9
10	0.0228	0.0368	0.2058	1.87 B	0.138	1.48	14.1	0.391	0.159	0.378	0.6708	0.3058	10
11	0.0248	0.0378	0.2008	1.58	0.134	5.80	8.98	0.282	0.157	0.371	0.5408	0.3028	11
12	0.0288	0.0358	0.2058	1.26	0.148	4.21	7.23	0.174	0.174	0.386	0.5418	0.3008	12
13	0.0308	0.0368	0.2158	1.05	0.140	2.89	5.08	0.141	0.187	0.316	0.608	0.2848	13
14	0.0308	0.0358	0.2608	1.03	0.135	2.37	3.92	0.126	0.587	0.300	0.593	0.2678	14
15	0.0278	0.0358	0.3158	1.05	0.136	3.20	3.50	0.156	0.875	0.242	0.574	0.2988	15
16	0.0238	0.0378	0.4008	0.958	0.140	3.27	3.10	0.469	1.01	0.224	0.5008	0.2868	16
17	0.0218	0.0428	0.5188	0.758	0.124	1.85	2.77	0.514	0.864	0.323	0.454	0.2848	17
18	0.0248	0.0478	0.6008	0.858	0.117	1.04	2.37	0.374	0.788	0.190	0.433	0.2838	18
19	0.0288	0.0488	0.7008	0.765	0.112	0.704	1.80	2.51	1.71	0.176	0.398	0.2828	19
20	0.0318	0.0478	0.8308	0.879	0.104	0.578	1.44	5.25	2.84	0.521	0.385	0.2818	20
21	0.0388	0.0468	0.8208	0.307	0.097	0.371	1.17	5.21	2.45	0.581	0.383	0.2808	21
22	0.0408	0.0438	1.05 B	0.265	0.089	0.300	0.962	5.36	2.04	0.482	0.373	0.2808	22
23	0.0448	0.0488	1.14 B	0.153	0.083	0.156	0.825	5.85	2.41	0.370	0.360	0.2898	23
24	0.0508	0.0488	1.35 B	0.092	0.082	0.126	0.481	6.30	1.62	0.374	0.352	0.2888	24
25	0.0588	0.0588	1.42 B	0.188	0.081	0.087	0.315	5.07	1.80	0.332	0.373	0.2868	25
26	0.0588	0.0908	1.33 B	0.537	0.044	0.086	0.212	4.35	1.40	0.347	0.333	0.2858	26
27	0.0608	0.1108	1.45 B	0.431A	0.039	0.118	0.174	3.22	1.23	0.331	0.3408	0.2848	27
28	0.0588	0.1028	1.40 B	0.404A	0.038	0.183	0.211	2.17	1.15	0.331	0.3408	0.2838	28
29	0.0528	0.0908	1.35 B	0.304	0.039	0.138	0.218	1.52	1.80	0.260	0.3458	0.2828	29
30	0.0408		1.10 B	0.139	0.045	0.135	0.175	1.04	1.47	0.823	0.3468	0.2818	30
31	0.0308		0.8238		0.074		0.184	0.826		0.975		0.2808	31
TOTAL	1.028	1.275	19.283	25.274	3.842	30.787	145.165	56.685	29.798	15.564	16.037	9.331	TOTAL
MEAN	0.033	0.044	0.822	0.842	0.127	1.03	4.68	1.83	0.993	0.503	0.535	0.301	MEAN
MAX	0.060	0.110	1.65	2.09	0.282	5.80	45.4	6.85	2.84	1.33	0.883	0.350	MAX
MIN	0.020	0.020	0.080	0.082	0.036	0.026	0.093	0.114	0.152	0.171	0.333	0.262	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.868
MAXIMUM DAILY, 45.4 ON JUL 8
MINIMUM DAILY, 0.0208 ON JAN 8
MAXIMUM INSTANTANEOUS,
51.4 AT 18:03 MST ON JUL 8

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 14 N
LONG 113 47 35 W
DRAINAGE AREA, 1 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	88.6	JUL 12 500	
FEB	110	AUG 4 880	
MAR 1	870	SEP 2 670	
APR 2	180	OCT 1 380	
MAY	341	NOV 1 380	
JUN 2	880	DEC 808	

TOTAL DISCHARGE, 30 800 dam³

BLINDMAN RIVER NEAR BLUFFTON - STATION NO. 05CC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.434B	0.468B	0.084	0.030	0.236	0.084E	---	---	---	---	1
2	---	---	0.434B	0.462B	0.084	0.030	0.226	0.088E	0.227	---	---	---	2
3	---	---	0.434B	0.640B	0.084	0.030	0.192	0.100	---	---	---	---	3
4	---	---	0.434B	0.890B	0.084	0.030	0.192	---	---	---	---	---	4
5	---	---	0.434B	0.880B	0.075	0.039	2.62	---	---	---	---	---	5
6	---	---	0.434B	1.12 B	0.075	0.030	9.65	---	---	---	---	---	6
7	---	---	0.434B	1.10 B	0.086	0.039	55.7	---	---	---	---	---	7
8	---	---	0.434B	0.880B	0.086	0.046	16.2	---	---	---	---	---	8
9	---	---	0.434B	0.820B	0.057	0.046	5.82	---	---	---	---	---	9
10	---	---	0.434B	0.380B	0.057	0.300	2.96	---	---	---	---	---	10
11	---	---	0.434B	0.315B	0.046	1.21	2.79	---	---	---	---	---	11
12	---	---	0.434B	0.285B	0.046	1.28	1.42	---	---	---	---	---	12
13	---	---	0.434B	0.263B	0.046	2.48	1.56	---	---	---	---	---	13
14	---	---	0.434B	0.272	0.039	3.14	1.42	---	---	---	---	---	14
15	---	---	0.434B	0.265	0.039	2.78	1.42	---	---	---	---	---	15
16	---	---	0.434B	0.258	0.039	0.842	1.42	---	---	---	---	---	16
17	---	---	0.434B	0.252	0.039	0.480	1.13	---	---	---	---	---	17
18	---	---	0.445B	0.246	0.039	0.182	0.956	---	---	---	---	---	18
19	---	---	0.456B	0.243	0.030	0.093	0.581	---	---	---	---	---	19
20	---	---	0.466B	0.238	0.030	0.075	0.300	---	---	---	---	---	20
21	---	---	0.480B	0.230	0.020	0.068	0.192	---	---	---	---	---	21
22	---	---	0.515B	0.220	0.020	0.066	0.156	---	---	---	---	---	22
23	---	---	0.537B	0.203	0.010	0.066	0.156	---	---	---	---	---	23
24	---	---	0.540B	0.180	0.010	0.057	0.102	---	---	---	---	---	24
25	---	---	0.536B	0.163	0.010	0.066	0.093	---	---	---	---	---	25
26	---	---	0.520B	0.111	0.010	0.084	0.075	---	1.35	---	---	---	26
27	---	---	0.480B	0.111	0.010	0.075	0.075	---	---	---	---	---	27
28	---	---	0.445B	0.093	0.020	0.075	0.079E	---	---	---	---	---	28
29	---	0.434B	0.440B	0.084	0.020	0.082	0.083E	---	---	---	---	---	29
30	---		0.443B	0.084	0.020	0.182	0.087E	---	---	---	---	---	30
31	---		0.452B		0.030		0.090E	---		0.184B		---	31
TOTAL	---	---	14.126	11.268	1.311	13.875	107.985	---	---	---	---	---	TOTAL
MEAN	---	---	0.456	0.376	0.042	0.463	3.48	---	---	---	---	---	MEAN
MAX	---	---	0.540	1.12	0.084	3.14	55.7	---	---	---	---	---	MAX
MIN	---	---	0.434	0.084	0.010	0.030	0.075	---	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 45 22 N
LONG 114 17 03 W
DRAINAGE AREA, 353 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 9 330	
FEB	---	AUG ---	
MAR 1	220	SEP ---	
APR	874	OCT ---	
MAY	113	NOV ---	
JUN 1	200	DEC ---	

BLOOD INDIAN CREEK NEAR CABIN LAKE - STATION NO. 05CK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0.017	0	0	0	---	1
2	---	---	0	0	0	0	0	0.017	0	0	0A	---	2
3	---	---	0	0	0	0	0	0.016	0	0	---	---	3
4	---	---	0	0	0	0	0	0.006	0	0	---	---	4
5	---	---	0	0	0	0	0	0.001	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	0A	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0.231	0	0	0	---	---	21
22	---	0	0	0	0	0	0.583	0	0	0	---	---	22
23	---	0	0	0	0	0	0.446	0	0	0	---	---	23
24	---	0	0	0	0	0	0.246	0	0	0	---	---	24
25	---	0	0	0	0	0	0.122	0	0	0	---	---	25
26	---	0	0	0	0	0	0.068	0	0	0	---	---	26
27	---	0	0	0	0	0	0.083	0	0	0	---	---	27
28	---	0	0	0	0	0	0.087	0	0	0	---	---	28
29	---	0	0	0	0	0	0.082	0	0	0	---	---	29
30	---		0	0	0	0	0.083	0	0	0	---	---	30
31	---		0		0		0.032	0		0		---	31
TOTAL	---	---	0	0	0	0	2.065	0.080	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0.067	0.002	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0.583	0.017	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.583 ON JUL 22
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.602 AT 17:20 MST ON JUL 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 05 44 N
LONG 111 14 19 W
DRAINAGE AREA, 320 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	180
FEB	---	AUG	4.32
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 184 dam³

BLOOD INDIAN CREEK NEAR THE MOUTH - STATION NO. 05CK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.004B	0.004	0.005	0.002	0.004	0.004	0.001	0.003	0.002	---	1
2	---	---	0.004B	0.004	0.005	0.002	0.004	0.004	0.001	0.003	0.002A	---	2
3	---	---	0.004B	0.004	0.005	0.002	0.004	0.004	0.001	0.003	---	---	3
4	---	---	0.004B	0.004	0.005	0.002	0.004	0.004	0.001	0.003	---	---	4
5	---	---	0.004B	0.004	0.005	0.002	0.004	0.004	0.001	0.003	---	---	5
6	---	---	0.004B	0.004	0.005	0.003	0.004	0.003	0.001	0.003	---	---	6
7	---	---	0.004B	0.004	0.004	0.003	0.005	0.003	0.001	0.003	---	---	7
8	---	---	0.004B	0.004	0.004	0.004	0.004	0.004	0.001	0.003	---	---	8
9	---	---	0.004B	0.004	0.005	0.003	0.004	0.003	0.002	0.003	---	---	9
10	---	---	0.004B	0.004	0.005	0.003	0.004	0.003	0.002	0.003	---	---	10
11	---	---	0.003B	0.004	0.004	0.003	0.004	0.003	0.002	0.002	---	---	11
12	---	---	0.003B	0.004	0.004	0.003	0.004	0.003	0.002	0.002	---	---	12
13	---	---	0.003B	0.005	0.004	0.003	0.004	0.003	0.002	0.002	---	---	13
14	---	---	0.003B	0.005	0.004	0.003	0.004	0.003	0.002	0.002	---	---	14
15	---	---	0.003B	0.005	0.004	0.003	0.004	0.003	0.002	0.002	---	---	15
16	---	0.003B	0.003B	0.005	0.004	0.003	0.004	0.003	0.002	0.003	---	---	16
17	---	0.002B	0.003B	0.005	0.004	0.003	0.004	0.003	0.002	0.003	---	---	17
18	---	0.003B	0.003B	0.005	0.003	0.003	0.004	0.003	0.002	0.002	---	---	18
19	---	0.003B	0.003B	0.005	0.003	0.003	0.004	0.003	0.002	0.002	---	---	19
20	---	0.003B	0.004B	0.005	0.003	0.003	0.004	0.003	0.004	0.002	---	---	20
21	---	0.004B	0.004B	0.005	0.003	0.004	0.003	0.003	0.003	0.002	---	---	21
22	---	0.004B	0.004B	0.005	0.003	0.004	0.003	0.002	0.003	0.002	---	---	22
23	---	0.004B	0.004B	0.006	0.003	0.004	0.003	0.002	0.003	0.002	---	---	23
24	---	0.004B	0.004B	0.006	0.003	0.004	0.003	0.002	0.003	0.002	---	---	24
25	---	0.004B	0.004B	0.007	0.002	0.003	0.003	0.002	0.003	0.002	---	---	25
26	---	0.004B	0.004B	0.007	0.003	0.004	0.003	0.002	0.003	0.002	---	---	26
27	---	0.004B	0.004B	0.007	0.003	0.004	0.003	0.002	0.003	0.002	---	---	27
28	---	0.004B	0.004B	0.008	0.003	0.004	0.003	0.002	0.003	0.002	---	---	28
29	---	0.004B	0.003	0.008	0.003	0.004	0.003	0.002	0.004	0.002	---	---	29
30	---		0.004	0.008	0.002	0.007	0.003	0.002	0.003	0.002	---	---	30
31	---		0.004		0.002	0.005	0.003	0.002	0.003	0.002	---	---	31
					0.002		0.003	0.002		0.002		---	
TOTAL	---	---	0.114	0.180	0.114	0.098	0.115	0.093	0.085	0.074	---	---	TOTAL
MEAN	---	---	0.004	0.005	0.004	0.003	0.004	0.003	0.002	0.002	---	---	MEAN
MAX	---	---	0.004	0.007	0.005	0.007	0.005	0.004	0.004	0.003	---	---	MAX
MIN	---	---	0.003	0.004	0.002	0.002	0.003	0.002	0.001	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.009 ON AUG 2
MINIMUM DAILY, 0.001 ON SEP 1
MAXIMUM INSTANTANEOUS,
0.017 AT 03:05 MST ON AUG 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 57 26 N
LONG 111 03 30 W
DRAINAGE AREA, 885 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9.94
FEB	---	AUG	8.04
MAR	9.86	SEP	5.62
APR	13.0	OCT	6.39
MAY	9.86	NOV	---
JUN	8.47	DEC	---

TOTAL DISCHARGE, 71.2 dam³

BOUNTIFUL COULEE INFLOW NEAR CRANFORD - STATION NO. 05AG028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.345	0.252	0.322	0.391	0.158	0.183	---	---	1
2	---	---	---	---	0.291	0.262	0.317	0.525	0.215	0.174	---	---	2
3	---	---	---	---	0.447	0.298	0.248	0.414	0.145	0.211	---	---	3
4	---	---	---	---	0.314	0.438	0.318	0.335	0.189	0.139	---	---	4
5	---	---	---	---	0.390	0.448	0.343	0.200	0.200	0.138	---	---	5
6	---	---	---	---	0.488	0.338	0.388	0.273	0.286	0.183	---	---	6
7	---	---	---	---	0.480	0.678	0.321	0.253	0.272	0.187	---	---	7
8	---	---	---	---	0.387	0.678	0.217	0.130	0.250	0.197	---	---	8
9	---	---	---	---	0.320	0.372	0.235	0.184	0.321	0.208	---	---	9
10	---	---	---	---	0.383	0.238	0.218	0.207	0.202	0.202	---	---	10
11	---	---	---	---	0.394	0.218	0.321	0.180	0.214	0.043	---	---	11
12	---	---	---	---	0.331	0.202	0.372	0.222	0.218	0.012	---	---	12
13	---	---	---	---	0.295	0.197	0.345	0.226	0.186	0.006	---	---	13
14	---	---	---	---	0.378	0.180	0.378	0.269	0.143	0.003	---	---	14
15	---	---	---	---	0.248	0.188	0.341	0.170	0.108	0.002	---	---	15
16	---	---	---	---	0.144	0.208	0.484	0.143	0.082	0.001	---	---	16
17	---	---	---	---	0.328	0.300	0.488	0.191	0.012	0.001	---	---	17
18	---	---	---	---	0.357	0.292	0.482	0.211	0.005	0.001	---	---	18
19	---	---	---	---	0.193	0.233	0.447	0.285	0.009	0.001	---	---	19
20	---	---	---	---	0.172	0.382	0.348	0.274	0.015	0.001	---	---	20
21	---	---	---	---	0.188	0.473	0.342	0.138	0.040	0	---	---	21
22	---	---	---	---	0.309	0.458	0.426	0.008	0.084	0	---	---	22
23	---	---	---	---	0.239	0.495	0.448	0.003	0.048	0	---	---	23
24	---	---	---	---	0.271	0.488	0.558	0.004	0.025	0	---	---	24
25	---	---	---	0.488A	0.408	0.501	0.488	0.083	0.024	0	---	---	25
26	---	---	---	0.526	0.453	0.527	0.381	0.088	0.013	0	---	---	26
27	---	---	---	0.488	0.470	0.488	0.388	0.185	0.011	0	---	---	27
28	---	---	---	0.404	0.288	0.526	0.419	0.110	0.083	0	---	---	28
29	---	---	---	0.535	0.188	0.532	0.443	0.114	0.107	0	---	---	29
30	---		---	0.427	0.258	0.300	0.498	0.138	0.166	0.001	---	---	30
31	---		---		0.328		0.388	0.218		0.001A		---	31
TOTAL	---	---	---	---	10.028	11.274	11.807	5.982	3.824	1.884	---	---	TOTAL
MEAN	---	---	---	---	0.323	0.376	0.371	0.193	0.121	0.060	---	---	MEAN
MAX	---	---	---	---	0.480	0.678	0.558	0.525	0.288	0.211	---	---	MAX
MIN	---	---	---	---	0.144	0.188	0.218	0.003	0.005	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.241
MAXIMUM DAILY, 0.678 ON JUN 8
MINIMUM DAILY, 0 ON OCT 31

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 08 N
LONG 112 18 55 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	894
FEB	---	AUG	518
MAR	---	SEP	313
APR	---	OCT	181
MAY	868	NOV	---
JUN	974	DEC	---

TOTAL DISCHARGE, 3 830 dam³

BOW RIVER AT BANFF - STATION NO. 05BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.358	5.688	7.788	7.308	19.2	87.0	85.3	72.7	46.3	31.6	20.2	14.8 B	1
2	5.758	5.808	8.078	7.578	17.8	82.8	81.8	71.7	43.4	31.6	20.6	15.0 B	2
3	5.638	6.048	8.348	7.708	17.2	80.2	114	68.2	44.0	31.1	20.4	14.8 B	3
4	5.398	6.508	8.428	7.888	18.8	71.4	101	62.7	46.8	30.5	19.7	14.4 B	4
5	5.118	7.088	8.448	7.908	18.5	77.6	93.9	53.8	48.4	30.0	19.3	13.8 B	5
6	5.218	7.788	7.988	8.71	18.5	114	114	62.8	48.8	29.5	19.6	12.8 B	6
7	5.508	8.208	7.788	8.63	18.8	171	113	61.3	50.4	28.8	19.5	12.4 B	7
8	5.638	7.848	8.008	8.55	18.2	264	102	58.0	43.5	28.3	17.08	11.8 B	8
9	6.178	7.388	7.888	8.25	21.8	228	85.3	52.7	38.4	27.8	15.08	11.4 B	9
10	6.548	6.808	7.688	8.42	27.7	173	91.0	58.3	35.7	27.2	14.28	10.8 B	10
11	6.948	7.868	7.868	8.76	31.2	144	91.1	58.8	33.4	26.7	13.88	11.2 B	11
12	7.368	8.218	8.148	9.11	37.2	119	114	63.2	31.2	26.8	12.68	12.0 B	12
13	7.728	8.768	8.318	9.17	58.8	103	110	61.1	30.2	26.4	13.38	13.0 B	13
14	8.028	8.348	8.488	9.67	68.8	88.0	96.0	61.8	30.3	26.6	13.08	12.1 B	14
15	8.868	8.828	8.568	10.3	64.8	87.8	87.4	62.4	30.8	26.7	12.78	10.0 B	15
16	8.108	8.868	7.768	11.8	61.4	110	78.8	60.2	31.8	28.2	12.68	9.438	16
17	7.208	8.868	8.628	13.7	68.8	132	71.8	62.1	33.7	26.2	12.68	9.388	17
18	8.108	8.448	7.128	16.8	61.7	138	68.8	64.8	31.3	26.3	12.88	10.4 B	18
19	8.818	8.568	7.528	21.8	61.8	129	81.8	64.4	30.1	25.2	12.68	10.8 B	19
20	8.548	7.488	7.888	24.1	46.2	117	80.8	61.8	29.7	24.4	12.48	10.8 B	20
21	8.948	8.208	7.588	23.7	41.8	107	83.8	49.4	28.7	23.8	12.28	9.808	21
22	8.888	7.888	7.488	23.4	46.8	103	87.4	46.8	27.4	24.8	12.08	10.3 B	22
23	8.868	7.828	7.408	22.6	72.8	116	88.3	43.7	28.4	24.1	11.78	10.3 B	23
24	8.378	7.588	7.338	21.7	88.4	120	81.0	44.8	28.8	23.1	11.68	9.978	24
25	8.378	7.728	7.338	20.4	81.4	108	81.1	47.0	28.4	22.8	11.48	9.788	25
26	8.898	7.828	7.288	18.8	78.4	104	83.2	57.1	28.3	22.4	11.38	9.638	26
27	7.428	8.018	7.428	17.8	76.8	111	86.0	58.7	25.7	21.2	11.28	8.628	27
28	7.428	7.868	7.078	18.0	73.8	111	84.1	84.2	26.8	18.7	11.78	8.468	28
29	8.888	7.828	7.228	18.0	77.8	112	80.1	62.8	24.8	17.8	12.68	8.188	29
30	8.628		7.468	20.1	77.2	101	86.8	88.8	28.7	18.7	14.18	8.088	30
31	8.388		7.388		71.1		88.8	80.3		19.8		8.888	31
TOTAL	202.81	224.42	238.87	421.13	1 804.4	3 846.9	2 820.8	1 713.4	1 021.7	802.8	434.8	347.30	TOTAL
MEAN	6.83	7.74	7.74	14.0	48.8	118	81.3	88.3	34.1	25.8	14.8	11.2	MEAN
MAX	8.88	8.21	8.88	24.1	88.4	244	114	72.7	80.4	31.8	20.8	15.0	MAX
MIN	5.11	8.88	6.82	7.30	18.8	80.2	88.8	43.7	24.8	17.8	11.2	8.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.8
MAXIMUM DAILY, 244 ON JUN 8
MINIMUM DAILY, 5.118 ON JAN 5
MAXIMUM INSTANTANEOUS,
281 AT 17:24 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 10 30 N
LONG 115 34 10 W
DRAINAGE AREA, 3 210 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 800	JUL	218 000
FEB	18 400	AUG	148 000
MAR	20 700	SEP	88 200
APR	38 400	OCT	68 400
MAY	130 000	NOV	37 600
JUN	308 000	DEC	30 000

TOTAL DISCHARGE, 1 120 000 dam³

BOW RIVER AT CALGARY - STATION NO. 05BH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.0B	41.0B	48.0B	50.8	83.1	111	191	121	81.2	89.3	88.8	50.0B	1
2	42.0B	44.0B	55.0B	46.0	88.1	103	164	111	80.7	89.1	88.3	52.0B	2
3	40.0B	44.0B	58.0B	42.8	86.3	104	128	84.5	82.2	89.1	88.5	47.0B	3
4	40.0B	44.0B	56.0B	47.2	82.8	106	133	84.2	81.8	80.0	87.5	45.0B	4
5	42.0B	44.0B	54.0B	52.8	85.9	110	128	83.6	81.0	82.8	83.0	51.0B	5
6	47.0B	40.0B	48.0B	53.6	82.7	104	122	88.0	107	88.8	51.0B	52.0B	6
7	51.0B	37.0B	47.0B	54.8	81.8	110	137	80.0	124	87.7	85.7	53.0B	7
8	54.0B	40.0B	47.0B	56.1	46.8	147	138	88.1	141	88.8	86.9	51.0B	8
9	51.0B	45.0B	48.0B	52.8	48.3	194	130	102	140	85.8	85.0	51.0B	9
10	48.0B	45.0B	51.0B	48.8B	56.8	218	121	84.6	142	87.6	85.0	47.0B	10
11	51.0B	45.0B	52.0B	55.3	86.6	222	118	87.1	142	88.9	80.7	41.0B	11
12	57.0B	45.0B	45.0B	53.3	78.3	227	124	93.7	142	85.5	84.0B	43.0B	12
13	57.0B	44.0B	40.0B	56.1	81.6	203	132	88.8	138	88.8	80.0B	47.0B	13
14	56.0B	44.0B	43.0B	61.8	106	161	133	82.2	136	84.5	80.0B	51.0B	14
15	61.0B	45.0B	54.0B	63.7	106	132	128	82.8	132	81.6	80.0B	80.0B	15
16	58.0B	48.0B	57.0B	80.1	115	134	120	101	121	87.8	49.0B	48.0B	16
17	51.0B	50.0B	56.0B	80.1	114	145	115	105	100	88.6	48.0B	40.0B	17
18	48.0B	48.0B	52.0B	81.1	107	163	115	100	81.8	89.3	47.0B	38.0B	18
19	50.0B	45.0B	45.0B	89.3	106	163	115	91.4	71.2	88.4	42.0B	40.0B	19
20	48.0B	42.0B	40.0B	76.9	114	163	114	87.3	72.1	70.5	41.0B	41.0B	20
21	49.0B	40.0B	43.0B	78.1	110	164	114	82.2	72.6	70.0	47.0B	41.0B	21
22	45.0B	40.0B	48.0B	76.8	106	153	114	88.6	72.7	87.8	80.0B	41.0B	22
23	45.0B	44.0B	54.0B	76.7	107	136	115	80.7	71.6	80.9	84.4	41.0B	23
24	41.0B	49.0B	57.0B	71.6	116	136	114	78.3	71.2	82.5	87.0B	38.0B	24
25	42.0B	51.0B	54.0B	74.6	117	140	114	79.7	87.6	83.6	86.0B	38.0B	25
26	46.0B	54.0B	51.0B	78.3	117	141	113	80.6	83.6	82.0	50.0B	38.0B	26
27	46.0B	51.0B	47.0B	77.8	118	136	111	86.6	80.6	84.2	41.0B	38.0B	27
28	47.0B	43.0B	48.0B	73.9	117	144	113	87.7	80.5	85.2	46.0B	38.0B	28
29	46.0B	44.0B	45.0	72.5	117	153	111	82.8	80.6	80.5	48.0B	37.0B	29
30	50.0B		51.4	71.4	118	186	108	82.4	81.1	87.6	50.0B	36.0B	30
31	41.0B		52.0B		118		108	83.5		86.5		38.0B	31
TOTAL	1 498.0	1 286.0	1 545.4	1 877.2	2 810.3	4 497	3 832	2 848.1	2 870.4	1 990.6	1 820.6	1 382.0	TOTAL
MEAN	48.3	44.7	49.8	62.6	90.7	150	124	91.9	95.7	64.2	54.0	43.8	MEAN
MAX	61.0	54.0	58.0	76.3	118	227	191	121	142	70.5	89.5	53.0	MAX
MIN	40.0	37.0	40.0	42.8	46.3	103	108	78.3	80.5	87.6	41.0	37.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 76.6
MAXIMUM DAILY, 227 ON JUN 12
MINIMUM DAILY, 37.0B ON FEB 7
MAXIMUM INSTANTANEOUS,
242 AT 08:00 MST ON JUN 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 00 N
LONG 114 03 00 W
DRAINAGE AREA, 7 880 km²

B - ICE CONDITIONS

REGULATED SINCE 1913

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	129 000	JUL	331 000
FEB	112 000	AUG	246 000
MAR	134 000	SEP	248 000
APR	162 000	OCT	172 000
MAY	243 000	NOV	140 000
JUN	388 000	DEC	119 000

TOTAL DISCHARGE, 2 420 000 dam³

BOW RIVER AT LAKE LOUISE - STATION NO. 05BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	5.03	15.5	23.8	22.2	17.2	7.76	4.13	---	1
2	---	---	---	---	4.74	14.7	26.8	18.8	17.6	7.72	4.27A	---	2
3	---	---	---	---	4.55	13.8	26.3	17.0	18.6	7.57	---	---	3
4	---	---	---	---	4.31	15.2	24.2	17.4	20.1	7.42	---	---	4
5	---	---	---	---	4.35	16.3	22.6	16.9	20.9	7.35	---	---	5
6	---	---	---	---	4.54	25.5	26.9	16.9	21.3	7.27	---	---	6
7	---	---	---	---	4.63	41.7	24.5	17.7	19.3	7.33	---	---	7
8	---	---	---	---	5.44	58.2	22.2	16.1	15.2	7.16	---	---	8
9	---	---	---	---	5.84	60.3	21.6	15.4	12.6	6.81	---	---	9
10	---	---	---	---	6.63	39.5	21.9	20.7	11.1	6.90	---	---	10
11	---	---	---	---	7.29	32.9	23.7	19.5	9.55	7.01	---	---	11
12	---	---	---	---	8.71	27.0	27.3	16.6	8.84	7.07	---	---	12
13	---	---	---	---	11.6	23.4	24.6	16.7	9.27	6.82	---	---	13
14	---	---	---	---	13.4	22.3	23.6	19.1	8.86	7.27	---	---	14
15	---	---	---	---	13.2	23.4	19.9	16.9	10.5	7.52	---	---	15
16	---	---	---	---	13.0	27.0	16.3	16.0	10.6	7.40	---	---	16
17	---	---	---	---	14.4	32.8	17.0	20.6	9.82	6.80	---	---	17
18	---	---	---	---	13.8	35.4	18.1	20.8	8.62	6.40	---	---	18
19	---	---	---	4.41A	12.6	34.0	18.2	19.0	8.23	6.88	---	---	19
20	---	---	---	5.64	11.3	32.1	17.3	17.7	7.86	6.71	---	---	20
21	---	---	---	6.19	10.6	30.0	18.4	16.3	7.08	6.58	---	---	21
22	---	---	---	6.01	10.7	31.3	21.2	16.7	6.84	6.79	---	---	22
23	---	---	---	5.86	14.7	34.6	19.8	16.3	6.26	6.83	---	---	23
24	---	---	---	5.58	16.3	35.0	18.6	17.8	6.22	6.41	---	---	24
25	---	---	---	5.15	16.0	32.0	21.2	19.7	6.23	6.16	---	---	25
26	---	---	---	4.87	17.6	32.6	22.6	23.2	6.16	6.12	---	---	26
27	---	---	---	4.89	17.4	36.4	23.8	21.8	6.03	4.82	---	---	27
28	---	---	---	5.17	16.7	38.4	23.1	21.6	5.83	4.239	---	---	28
29	---	---	---	5.82	17.4	33.4	22.0	21.8	5.70	4.168	---	---	29
30	---		---	5.46	16.9	28.8	22.7	21.8	7.14	3.94	---	---	30
31	---		---		16.3		23.1	18.4		3.86		---	31
TOTAL	---	---	---	---	344.26	911.1	683.7	593.1	331.04	194.05	---	---	TOTAL
MEAN	---	---	---	---	11.1	30.4	22.1	19.1	11.0	6.29	---	---	MEAN
MAX	---	---	---	---	16.3	58.2	26.3	23.2	21.3	7.75	---	---	MAX
MIN	---	---	---	---	4.31	13.8	18.1	15.7	5.70	3.86	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.8
MAXIMUM DAILY, 58.2 ON JUN 8
MINIMUM DAILY, 3.86 ON OCT 31
MAXIMUM INSTANTANEOUS,
62.0 AT 05:22 MST ON JUN 8

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 42 N
LONG 116 11 15 W
DRAINAGE AREA, 421 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	69 100
FEB	---	AUG	51 200
MAR	---	SEP	34 600
APR	---	OCT	16 600
MAY	29 700	NOV	---
JUN	78 700	DEC	---

TOTAL DISCHARGE, 284 000 dam³

BOW RIVER BELOW BASSANO DAM - STATION NO. 05BN004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	78.2	5.45A	6.32	61.0	2.88	7.74	4.03	71.8A	---	1
2	---	---	---	80.2	4.00E	17.2	48.2	47.8	7.08	4.34	---	---	2
3	---	---	---	80.4	4.00E	11.6	88.4	88.8	8.85	4.44	---	---	3
4	---	---	---	73.2	3.00E	3.38	42.8	34.6	8.81	4.41	---	---	4
5	---	---	---	71.1	2.83A	3.32	80.1	14.8	4.41	4.42	---	---	5
6	---	---	---	68.3	4.38	3.73	47.3	11.1	4.33	4.44	---	---	6
7	---	---	---	72.1	4.47	25.2	42.2	46.8	13.3	4.45	---	---	7
8	---	---	---	88.8	4.48	44.3	41.1	27.2	37.6	7.88	---	---	8
9	---	---	---	86.7	3 73	108	45.9	12.8	83.0	10.8	---	---	9
10	---	---	---	85.8	4.38	174	36.2	12.8	86.3	4.38	---	---	10
11	---	---	---	84.7	4.88	173	33.8	23.8	80.0	4.88	---	---	11
12	---	---	---	19.2	4.81	185	20.8	45.8	88.4	4.81	---	---	12
13	---	---	---	11.8	4.82	176	14.1	36.7	84.7	7.71	---	---	13
14	---	---	---	10.8	4.88	182	25.2	17.4	82.8	10.4	---	---	14
15	---	---	---	8.20	4.82	91.1	23.8	14.8	84.2	10.8	---	---	15
16	---	---	---	8.37	7.82	87.8	22.3	11.0	88.1	8.84	---	---	16
17	---	---	---	15.0	13.0	83.2	15.1	12.8	81.8	88.8	---	---	17
18	---	---	---	18.1	8.87	80.8	7.28	84.7	33.0	73.3	---	---	18
19	---	---	---	10.8	7.18	88.8	3.83	34.4	28.2	84.2	---	---	19
20	---	---	---	12.0	8.82	83.3	3.03	32.1	10.1	88.1	---	---	20
21	---	---	---	28.8	4.78	81.3	3.32	33.1	8.88	88.4	---	---	21
22	---	---	---	28.8	4.73	78.2	3.84	84.1	8.20	80.1	---	---	22
23	---	---	---	32.8	4.83	71.0	3.78	28.8	4.88	84.0	---	---	23
24	---	---	---	28.2	4.44	84.8	3.78	21.8	4.88	83.4	---	---	24
25	---	---	---	18.8	3.82	28.1	3.78	10.4	4.78	88.8	---	---	25
26	---	---	---	11.0	3.88	40.4	3.81	8.48	4.71	71.8	---	---	26
27	---	---	---	8.18	5.83	30.2	4.28	7.88	4.72	74.8	---	---	27
28	---	---	---	14.8	4.27	48.8	4.73	8.81	4.78	78.8	---	---	28
29	---	---	---	12.1	3.84	48.2	3.82	18.2	4.80	78.8	---	---	29
30	---	---	---	8.88	4.28	48.8	3.80	18.3	4.18	78.8	---	---	30
31	---		73.8A		4.84		3.88	13.8		78.1	---	---	31
			71.3							72.1			
TOTAL	---	---	---	1 081.12	186.33	2 045.88	777.28	814.32	783.88	1 104.88	---	---	TOTAL
MEAN	---	---	---	35.4	6.04	88.2	25.1	26.3	26.8	35.8	---	---	MEAN
MAX	---	---	---	80.4	13.0	178	88.4	88.8	88.3	78.8	---	---	MAX
MIN	---	---	---	8.20	2.83	3.32	3.03	2.88	4.18	4.03	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.4
MAXIMUM DAILY, 178 ON JUN 13
MINIMUM DAILY, 2.88 ON AUG 1
MAXIMUM INSTANTANEOUS,
185 AT 07:08 MST ON JUN 13

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 00 N
LONG 112 32 20 W
DRAINAGE AREA, 20 300 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	87 200
FEB	---	AUG	70 400
MAR	---	SEP	88 000
APR	81 700	OCT	88 500
MAY	13 500	NOV	---
JUN	177 000	DEC	---

TOTAL DISCHARGE, 881 000 dam³

BOW RIVER BELOW BEARSPAW DAM - STATION NO. 05BN008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.28	41.18	47.2	48.4	82.3	118	203	115	84.8	89.8	88.8	80.8	1
2	42.88	44.18	84.8	42.8	88.8	108	184	118	84.8	89.8	88.8	82.8	2
3	38.88	43.88	88.0	40.0	88.0	110	133	87.8	88.4	88.8	87.7	48.7	3
4	39.88	43.78	87.8	48.8	83.1	114	141	88.2	88.3	81.8	88.0	48.3	4
5	42.48	43.88	83.1	51.1	88.1	113	131	100	88.3	88.3	82.2	80.8	5
6	48.88	38.88	47.8	51.7	82.8	108	130	103	118	88.0	81.0	82.4	6
7	50.88	38.88	44.8	53.8	80.0	118	147	83.4	137	89.2	87.1	82.8	7
8	53.78	39.78	48.8	88.8	48.8	182	180	108	188	87.8	88.4	81.1	8
9	80.88	45.28	47.8	80.8	80.1	208	138	107	182	88.0	88.7	80.8	9
10	48.18	48.48	80.8	41.3	88.2	231	128	88.1	184	88.1	88.2	48.7	10
11	81.18	48.48	82.0	87.8	88.1	234	124	88.0	188	88.1	82.2	41.0	11
12	88.88	48.48	44.7	81.1	78.4	238	133	88.1	184	88.3	83.7	42.8	12
13	88.78	43.88	38.1	87.1	100	212	144	81.4	182	88.8	48.8	48.8	13
14	87.88	43.88	42.8	82.0	112	188	144	88.8	148	84.8	48.8	80.8	14
15	80.88	48.48	83.7	83.4	118	138	133	88.4	144	81.0	48.8	48.8	15
16	88.28	48.18	87.0	88.8	124	144	128	107	127	88.8	48.7	48.8	16
17	80.78	48.78	88.2	88.8	121	188	122	108	102	87.8	48.8	40.0	17
18	47.88	48.18	81.8	80.4	113	178	122	105	82.1	78.4	48.8	38.3	18
19	48.78	45.38	44.3	88.8	117	178	122	88.2	78.7	78.8	43.4	38.8	19
20	48.88	42.48	38.8	78.3	122	178	122	83.8	72.3	78.8	41.2	41.2	20
21	48.48	38.88	42.2	80.4	118	178	122	88.2	74.2	71.4	48.8	41.0	21
22	48.48	38.88	47.8	77.2	111	183	122	83.8	73.4	88.0	48.8	41.2	22
23	48.38	43.88	84.0	77.1	114	148	122	82.4	70.7	88.8	88.4	41.0	23
24	41.28	48.38	87.3	70.7	122	148	121	81.8	70.8	83.4	88.8	37.7	24
25	42.48	81.08	84.4	78.3	124	180	122	84.8	88.8	83.8	88.1	38.2	25
26	48.38	83.88	81.4	80.8	125	182	122	88.8	84.1	82.4	48.8	37.8	26
27	48.28	80.88	47.4	78.7	128	148	118	83.8	82.4	84.3	41.2	37.8	27
28	48.78	42.78	48.8	73.8	125	182	122	83.8	82.4	88.1	48.4	38.0	28
29	47.88	43.78	48.8	74.8	124	181	118	87.7	82.8	88.8	48.8	37.1	29
30	48.88		81.4	72.2	128	180	118	87.4	82.0	88.8	48.4	38.1	30
31	41.08		82.8		125		112	87.8		88.1		38.3	31
TOTAL	1 487.8	1 288.3	1 841.4	1 883.1	2 888.8	4 778	4 073	2 872.7	3 034.8	2 811.1	1 828.4	1 381.8	TOTAL
MEAN	48.3	44.7	48.7	82.1	95.4	188	131	88.8	101	84.8	84.2	43.8	MEAN
MAX	80.8	83.8	88.0	80.8	128	238	202	118	188	71.4	88.8	82.8	MAX
MIN	38.8	38.8	38.8	40.0	48.8	108	112	81.8	82.0	88.8	41.2	37.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.2
MAXIMUM DAILY, 238 ON JUN 12
MINIMUM DAILY, 38.88 ON FEB 7

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 01 58 N
LONG 114 13 31 W
DRAINAGE AREA, 7 770 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	128 000	JUL	382 000
FEB	112 000	AUG	287 000
MAR	133 000	SEP	282 000
APR	181 000	OCT	174 000
MAY	288 000	NOV	140 000
JUN	413 000	DEC	118 000

TOTAL DISCHARGE, 2 818 000 dam³

BOW RIVER BELOW CARSELAND DAM - STATION NO. 05BM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	82.2	45.8	97.0	180	123	59.7	44.8	81.8	---	1
2	---	---	---	84.8	39.1	94.0	152	143	56.4	42.0	82.1	---	2
3	---	---	---	84.7	38.8	79.4	164	92.2	55.8	42.8	80.7A	---	3
4	---	---	---	85.3	38.1	80.0	187	74.3	55.6	43.5	---	---	4
5	---	---	---	80.3	41.7	84.7	104	78.8	61.8	44.8	---	---	5
6	---	---	---	84.1	41.1	88.3	108	88.0	74.8	45.8	---	---	6
7	---	---	---	83.4	41.8	88.0	105	86.6	100	47.8	---	---	7
8	---	---	---	80.1	41.8	156	110	72.1	115	50.4	---	---	8
9	---	---	---	80.0	43.8	248	105	84.1	115	47.5	---	---	9
10	---	---	---	82.8	45.1	248	88.1	76.2	108	45.6	---	---	10
11	---	---	---	43.3	51.7	238	86.8	103	110	45.7	---	---	11
12	---	---	---	47.0	80.8	248	90.5	91.8	114	42.8	---	---	12
13	---	---	---	33.8	88.8	222	88.8	78.3	113	47.1	---	---	13
14	---	---	---	37.3	82.0	188	88.0	88.6	114	42.7	---	---	14
15	---	---	---	38.7	91.2	127	86.3	82.8	88.7	38.2	---	---	15
16	---	---	---	40.1	80.1	118	88.1	80.4	88.7E	37.1	---	---	16
17	---	---	---	40.2	80.3	119	80.4	103	88.8E	35.4	---	---	17
18	---	---	---	41.2	88.7	140	78.4	82.3	88.5E	44.3	---	---	18
19	---	---	---	48.8	78.8	147	76.8	71.3	50.4E	48.2	---	---	19
20	---	---	---	53.2	81.8	142	74.5	83.3	39.8E	84.1	---	---	20
21	---	---	---	86.8	80.8	138	74.5	102	40.5E	89.8	---	---	21
22	---	---	---	85.7	75.8	138	74.1	77.0	40.5E	85.8	---	---	22
23	---	---	---	83.7	77.0	117	78.3	86.4	40.0E	85.8	---	---	23
24	---	---	---	80.7	88.5	105	80.0	87.4	39.3E	87.4	---	---	24
25	---	---	---	48.8	93.8	105	82.3	86.4	39.3E	74.8	---	---	25
26	---	---	---	52.8	87.8	104	83.3	86.8	39.1E	78.8	---	---	26
27	---	---	---	80.8	87.8	110	82.2	81.4	37.7E	77.1	---	---	27
28	---	---	---	45.2	88.4	112	81.5	86.8	37.8A	77.8	---	---	28
29	---	---	---	41.7	87.5	110	81.7	85.8	41.3	75.8	---	---	29
30	---		---	45.3	84.3	143	77.8	82.8	42.8	72.8	---	---	30
31	---		82.8A		84.5		74.5	87.6		74.1		---	31
TOTAL	---	---	---	1 518.6	2 167.4	4 133.4	2 882.1	2 484.6	2 093.8	1 876.8	---	---	TOTAL
MEAN	---	---	---	50.6	69.9	137	93.0	79.5	69.8	54.1	---	---	MEAN
MAX	---	---	---	84.1	84.5	248	180	143	115	77.8	---	---	MAX
MIN	---	---	---	33.8	38.8	79.4	74.1	85.4	37.8	35.4	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.1
MAXIMUM DAILY, 248 ON JUN 10
MINIMUM DAILY, 33.8 ON APR 13
MAXIMUM INSTANTANEOUS,
373 AT 07:48 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 49 26 N
LONG 113 26 31 W
DRAINAGE AREA, 15 700 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	248 000
FEB	---	AUG	213 000
MAR	---	SEP	181 000
APR	131 000	OCT	145 000
MAY	187 000	NOV	---
JUN	358 000	DEC	---

TOTAL DISCHARGE, 1 480 000 dam³

BOW RIVER BELOW GHOST DAM - STATION NO. 05BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	83.3	105	197	104	78.8	88.5	---	---	1
2	---	---	---	---	81.2	100	138	97.0	78.4	84.8	---	---	2
3	---	---	---	---	87.8	106	127	83.8	83.8	87.5	---	---	3
4	---	---	---	---	85.5	111	138	83.8	83.0	88.9	---	---	4
5	---	---	---	---	88.7	104	118	86.4	88.2	81.4	---	---	5
6	---	---	---	---	83.3	88.1	131	86.4	118	88.2	---	---	6
7	---	---	---	---	82.2	108	138	84.8	131	88.8	---	---	7
8	---	---	---	---	82.2	144	140	103	143	84.8	---	---	8
9	---	---	---	---	81.3	198	130	87.8	138	86.7	---	---	9
10	---	---	---	---	80.8	225	118	88.7	143	88.2	---	---	10
11	---	---	---	80.0A	71.1	235	110	93.8	140	87.0	---	---	11
12	---	---	---	83.0	78.8	218	122	91.8	138	82.8	---	---	12
13	---	---	---	86.8	102	201	130	84.8	141	86.8	---	---	13
14	---	---	---	87.1	108	151	138	78.4	138	84.4	---	---	14
15	---	---	---	88.1	109	138	138	81.3	127	88.8	---	---	15
16	---	---	---	89.4	121	143	113	108	114	86.7	---	---	16
17	---	---	---	88.1	114	152	111	93.8	92.1	88.3	---	---	17
18	---	---	---	82.8	102	181	117	88.4	88.1	88.2	---	---	18
19	---	---	---	78.8	110	188	117	87.8	71.1	88.8	---	---	19
20	---	---	---	78.2	117	185	118	88.8	71.7	88.4	---	---	20
21	---	---	---	72.8	113	181	118	81.2	73.1	88.3	---	---	21
22	---	---	---	78.8	104	148	118	82.8	88.8	83.8	---	---	22
23	---	---	---	77.1	112	127	117	77.1	88.3	84.8	---	---	23
24	---	---	---	88.7	117	141	118	78.1	88.3	84.8	---	---	24
25	---	---	---	77.4	118	142	117	82.2	82.8	88.1	---	---	25
26	---	---	---	81.8	118	142	117	82.8	80.8	80.8A	---	---	26
27	---	---	---	80.8	118	141	114	82.2	88.8	80.3A	---	---	27
28	---	---	---	77.3	114	135	115	80.4	87.8	83.1A	---	---	28
29	---	---	---	78.0	118	151	113	78.8	88.7	87.7A	---	---	29
30	---		---	88.8	118	188	112	83.1	87.2	88.3A	---	---	30
31	---		---		118		105	82.3		87.8A		---	31
TOTAL	---	---	---	---	2 881.4	4 475.1	3 818	2 751.4	2 626.8	1 880.1	---	---	TOTAL
MEAN	---	---	---	---	93.3	149	123	88.8	84.2	82.8	---	---	MEAN
MAX	---	---	---	---	121	235	197	108	143	88.8	---	---	MAX
MIN	---	---	---	---	81.3	88.1	105	78.1	88.7	84.8	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 235 ON JUN 11
MINIMUM DAILY, 81.3 ON MAY 9
MAXIMUM INSTANTANEOUS,
255 AT 08:52 MST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 50 N
LONG 114 38 40 W
DRAINAGE AREA, 8 550 km²
A - MANUAL GAUGE

REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	330 000
FEB	---	AUG	238 000
MAR	---	SEP	244 000
APR	---	OCT	188 000
MAY	247 000	NOV	---
JUN	387 000	DEC	---

TOTAL DISCHARGE, 1 810 000 dam³

BOW RIVER DEVELOPMENT DRAIN D NEAR VAUXHALL - STATION NO. 05BN006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.02	1.59	0.763	1.76	0.877	0.815	0	---	1
2	---	---	---	---	1.04	1.37	0.873	1.69	0.837	0.884	0	---	2
3	---	---	---	---	1.01	1.52	0.834	1.62	1.02	0.788	0A	---	3
4	---	---	---	---	1.04	1.52	0.726	1.55	1.06	0.838	---	---	4
5	---	---	---	---	1.18	1.48	1.32	1.52	1.01	0.895	---	---	5
6	---	---	---	---	1.12	1.52	1.41	1.52	0.911	0.808	---	---	6
7	---	---	---	---	1.44	2.09	1.18	1.76	1.12	0.842	---	---	7
8	---	---	---	---	1.58	3.40	1.03	1.62	1.21	0.814	---	---	8
9	---	---	---	---	1.48	4.09	1.09	1.26	1.12	0.837	---	---	9
10	---	---	---	---	1.45	0.749	1.18	1.10	1.11	0.822	---	---	10
11	---	---	---	---	1.50	0.258	1.12	1.31	1.44	0.340	---	---	11
12	---	---	---	---	1.28	0.191	1.28	1.21	1.31	0.488	---	---	12
13	---	---	---	---	1.42	0.183	1.08	1.48	1.11	0.423	---	---	13
14	---	---	---	---	1.75	0.198	1.02	1.33	0.877	0.241	---	---	14
15	---	---	---	---	1.42	0.209	1.05	1.37	0.908	0.088	---	---	15
16	---	---	---	---	1.62	0.316	1.13	1.14	0.894	0.035	---	---	16
17	---	---	---	---	1.67	0.413	1.35	1.23	1.16	0.006	---	---	17
18	---	---	---	---	1.35	0.805	1.38	1.27	1.18	0	---	---	18
19	---	---	---	---	1.28	1.18	1.10	1.22	1.18	0	---	---	19
20	---	---	---	---	1.43	1.17	1.24	1.19	1.18	0	---	---	20
21	---	---	---	---	1.43	1.11	1.10	1.51	0.887	0	---	---	21
22	---	---	---	---	1.47	1.14	1.07	1.56	1.01	0	---	---	22
23	---	---	---	---	1.38	1.38	1.30	1.28	0.940	0	---	---	23
24	---	---	---	---	1.26	1.51	1.47	1.13	0.906	0	---	---	24
25	---	---	---	0 A	1.17	1.51	1.32	1.09	0.956	0	---	---	25
26	---	---	---	0	1.33	1.43	0.886	0.846	0.856	0	---	---	26
27	---	---	---	0	1.31	1.62	0.804	0.873	0.872	0	---	---	27
28	---	---	---	0.051	1.37	1.76	0.708	0.826	0.880	0	---	---	28
29	---	---	---	1.40	1.81	3.19	1.11	0.861	0.908	0	---	---	29
30	---		---	1.08	1.82	1.71	1.06	0.863	0.871	0	---	---	30
31	---		---		1.78		1.80	0.881		0		---	31
TOTAL	---	---	---	---	43.56	40.700	33.882	38.864	30.849	8.394	---	---	TOTAL
MEAN	---	---	---	---	1.41	1.38	1.09	1.26	1.03	0.271	---	---	MEAN
MAX	---	---	---	---	1.82	4.09	1.80	1.76	1.44	0.884	---	---	MAX
MIN	---	---	---	---	1.02	0.183	0.804	0.861	0.877	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 4.09 ON JUN 8
MINIMUM DAILY, 0 ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 40 N
LONG 112 02 50 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 830
FEB	---	AUG	3 430
MAR	---	SEP	2 570
APR	---	OCT	725
MAY	3 770	NOV	---
JUN	3 520	DEC	---

TOTAL DISCHARGE, 17 000 dam³

BOW RIVER DEVELOPMENT DRAIN K NEAR VAUXHALL - STATION NO. 05BN009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.035	0.248	0.875	0.387	0.180	0.230	0.078	---	1
2	---	---	---	---	0.036	0.218	0.790	0.416	0.175	0.234	0.071	---	2
3	---	---	---	---	0.037	0.241	0.557	0.382	0.150	0.253	0.071A	---	3
4	---	---	---	---	0.036	0.331	0.488	0.384	0.188	0.250	---	---	4
5	---	---	---	---	0.037	0.388	0.410	0.385	0.223	0.251	---	---	5
6	---	---	---	---	0.036	0.348	0.388	0.440	0.208	0.245	---	---	6
7	---	---	---	---	0.037	0.431	0.448	0.520	0.185	0.233	---	---	7
8	---	---	---	---	0.035	1.03	0.708	0.553	0.208	0.214	---	---	8
9	---	---	---	---	0.034	1.48	0.788	0.580	0.182	0.171	---	---	9
10	---	---	---	---	0.029	2.36	0.686	0.586	0.181	0.135	---	---	10
11	---	---	---	---	0.028	1.81	0.624	0.573	0.250	0.118	---	---	11
12	---	---	---	---	0.026	0.904	0.563	0.483	0.231	0.112	---	---	12
13	---	---	---	---	0.021	0.620	0.536	0.371	0.211	0.102	---	---	13
14	---	---	---	---	0.017	0.426	0.557	0.326	0.194	0.096	---	---	14
15	---	---	---	---	0.019	0.300	0.563	0.331	0.188	0.092	---	---	15
16	---	---	---	---	0.018	0.208	0.511	0.315	0.188	0.084	---	---	16
17	---	---	---	---	0.023	0.181	0.483	0.361	0.243	0.083	---	---	17
18	---	---	---	---	0.071	0.181	0.480	0.411	0.280	0.081	---	---	18
19	---	---	---	---	0.125	0.178	0.468	0.447	0.247	0.080	---	---	19
20	---	---	---	---	0.118	0.213	0.428	0.428	0.270	0.078	---	---	20
21	---	---	---	---	0.088	0.307	0.381	0.485	0.280	0.077	---	---	21
22	---	---	---	---	0.078	0.332	0.356	0.503	0.243	0.076	---	---	22
23	---	---	---	---	0.078	0.338	0.377	0.428	0.248	0.077	---	---	23
24	---	---	---	---	0.126	0.343	0.310	0.408	0.243	0.076	---	---	24
25	---	---	---	0.048A	0.262	0.388	0.298	0.394	0.241	0.077	---	---	25
26	---	---	---	0.048	0.275	0.385	0.288	0.384	0.248	0.078	---	---	26
27	---	---	---	0.044	0.317	0.422	0.278	0.378	0.248	0.0778	---	---	27
28	---	---	---	0.042	0.283	0.498	0.301	0.248	0.228	0.0768	---	---	28
29	---	---	---	0.036	0.318	0.803	0.334	0.201	0.222	0.0758	---	---	29
30	---		---	0.033	0.832	0.843	0.340	0.173	0.214	0.0758	---	---	30
31	---		---		0.427		0.383	0.181		0.078		---	31
TOTAL	---	---	---	---	3.707	18.848	14.949	12.349	6.686	3.868	---	---	TOTAL
MEAN	---	---	---	---	0.120	0.882	0.482	0.398	0.219	0.126	---	---	MEAN
MAX	---	---	---	---	0.832	2.36	0.875	0.886	0.370	0.253	---	---	MAX
MIN	---	---	---	---	0.017	0.178	0.288	0.173	0.180	0.074	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.318
MAXIMUM DAILY, 2.36 ON JUN 10
MINIMUM DAILY, 0.017 ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 25 N
LONG 112 10 53 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 280
FEB	---	AUG	1 070
MAR	---	SEP	587
APR	---	OCT	342
MAY	320	NOV	---
JUN	1 430	DEC	---

TOTAL DISCHARGE, 5 030 dam³

BOW RIVER DEVELOPMENT DRAIN Y NEAR HAYS - STATION NO. 05AC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.155	0.411	0.838	0.710	0.524	0.701	0.071	---	1
2	---	---	---	---	0.085	0.387	0.740	0.658	0.498	0.701	0.074	---	2
3	---	---	---	---	0.188	0.386	0.848	0.618	0.585	0.718	0.070A	---	3
4	---	---	---	---	0.185	0.487	0.874	0.418	0.578	0.854	---	---	4
5	---	---	---	---	0.215	0.695	0.778	0.422	0.648	0.818	---	---	5
6	---	---	---	---	0.258	0.851	0.785	0.418	0.648	0.820	---	---	6
7	---	---	---	---	0.288	0.882	0.878	0.405	0.710	0.472	---	---	7
8	---	---	---	---	0.178	0.809	1.00	0.388	0.694	0.444	---	---	8
9	---	---	---	---	0.225	1.80	0.941	0.388	0.680	0.237	---	---	9
10	---	---	---	---	0.243	1.57	0.718	0.400	0.728	0.188	---	---	10
11	---	---	---	---	0.308	0.848	0.827	0.400	0.808	0.170	---	---	11
12	---	---	---	---	0.248	1.10	0.881	0.400	0.852	0.184	---	---	12
13	---	---	---	---	0.088	1.31	0.885	0.388	0.875	0.118	---	---	13
14	---	---	---	---	0.105	0.852	0.725	0.384	0.858	0.186	---	---	14
15	---	---	---	---	0.148	0.852	1.30	0.388	0.811	0.112	---	---	15
16	---	---	---	---	0.158	0.532	1.25	0.474	0.788	0.085	---	---	16
17	---	---	---	---	0.278	0.472	1.19	0.492	0.787	0.104	---	---	17
18	---	---	---	---	0.858	0.486	1.18	0.587	0.835	0.188	---	---	18
19	---	---	---	---	0.538	0.528	1.24	0.848	0.878	0.074	---	---	19
20	---	---	---	---	0.484	0.535	0.778	0.538	0.807	0.077	---	---	20
21	---	---	---	---	0.578	0.521	0.775	0.851	0.824	0.088	---	---	21
22	---	---	---	---	0.534	0.558	0.782	0.838	0.842	0.087	---	---	22
23	---	---	---	---	0.511	0.570	1.13	0.587	0.827	0.084	---	---	23
24	---	---	---	---	0.387	0.818	1.37	0.515	0.770	0.072	---	---	24
25	---	---	---	0.248A	0.307	0.570	1.30	0.528	0.888	0.080	---	---	25
26	---	---	---	0.138	0.288	0.595	1.08	0.507	0.848	0.082	---	---	26
27	---	---	---	0.074	0.323	0.842	1.25	0.418	0.824	0.088	---	---	27
28	---	---	---	0.033	0.311	0.858	0.882	0.307	0.821	0.080	---	---	28
29	---	---	---	0.088	0.288	0.784	0.828	0.332	0.810	0.087	---	---	29
30	---		---	0.102	0.345	1.28	0.775	0.438	0.784	0.081	---	---	30
31	---		---		0.387		0.742	0.502		0.088		---	31
TOTAL	---	---	---	---	9.198	22.348	28.018	14.743	23.018	7.233	---	---	TOTAL
MEAN	---	---	---	---	0.287	0.745	0.938	0.478	0.767	0.233	---	---	MEAN
MAX	---	---	---	---	0.578	1.80	1.37	0.710	0.848	0.718	---	---	MAX
MIN	---	---	---	---	0.088	0.387	0.827	0.307	0.488	0.088	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.574
MAXIMUM DAILY, 1.80 ON JUN 9
MINIMUM DAILY, 0.088 ON OCT 27

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 00 N
LONG 111 43 40 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 510
FEB	---	AUG	1 270
MAR	---	SEP	1 980
APR	---	OCT	825
MAY	795	NOV	---
JUN	1 930	DEC	---

TOTAL DISCHARGE, 9 120 dam³

BOW RIVER DEVELOPMENT MAIN CANAL - STATION NO. 05AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	28.8	34.4	34.8	28.8	33.4	28.8	0	0	1
2	---	---	---	0	33.8	34.4	32.8	13.0	33.3	28.8	0	0	2
3	---	---	---	0	24.8	33.8	33.8	20.2	33.3	30.0	0	0	3
4	---	---	---	0	19.4	34.3	33.3	29.4	33.7	29.8	0	0	4
5	---	---	---	0	14.8	34.8	34.2	31.1	33.2	29.8	0	0	5
6	---	---	---	0	14.8	35.0	35.0	26.0	32.2	31.1	0	0	6
7	---	---	---	0	19.8	34.7	34.8	28.8	24.7	31.4	0	0	7
8	---	---	---	0	15.8	30.8	34.8	33.1	24.8	31.7	0	0	8
9	---	---	---	1.23	15.7	32.8	35.2	33.1	28.7	28.0	0	0	9
10	---	---	---	5.81	18.3	34.0	34.8	30.9	31.8	31.7	0	0	10
11	---	---	---	8.22	19.1	34.9	33.8	30.5	31.8	33.3	0	0	11
12	---	---	---	14.3	21.8	34.7	34.2	28.4	33.8	28.2	0	0	12
13	---	---	---	23.4	22.4	33.4	34.8	30.7	32.8	34.8	0	0A	13
14	---	---	---	29.4	26.2	34.8	34.8	31.8	34.7	33.8	0	---	14
15	---	---	---	32.4	27.0	34.5	33.8	31.8	34.7	33.8	0	---	15
16	---	---	---	32.8	27.2	34.3	34.4	32.5	34.0	33.4	0	---	16
17	---	---	---	32.7	30.8	34.7	34.1	32.5	32.8	33.2	0	---	17
18	---	---	---	32.6	33.5	35.0	33.4	31.2	33.1	33.8	0	---	18
19	---	---	---	32.7	34.3	35.2	33.4	31.8	33.7	33.5	0	---	19
20	---	---	---	32.8	33.8	34.2	33.8	32.8	33.8	31.2	0	---	20
21	---	---	---	32.8	34.1	34.5	33.8	25.8	34.3	28.4	0	---	21
22	---	---	---	33.0	33.8	35.3	33.5	30.0	34.2	20.2	0	---	22
23	---	---	---	32.8	28.7	35.1	30.8	32.8	34.7	17.7	0	---	23
24	---	---	---	32.6	28.1	34.7	27.3	32.8	34.4	12.8	0	---	24
25	---	---	---	32.2	28.7	35.2	26.7	33.1	33.8	8.83	0	---	25
26	---	---	---	32.2	32.6	35.6	22.1	33.2	33.1	2.81	0	---	26
27	---	---	---	32.2	33.5	34.8	21.7	33.0	30.0	0.438	0	---	27
28	---	---	---	31.8	33.8	34.5	22.0	33.5	26.5	0.008	0	---	28
29	---	---	---	31.4	33.7	35.1	22.5	33.8	29.1	0	0	---	29
30	---		---	31.0	33.8	35.4	25.2	33.2	26.8	0	0	---	30
31	---		0A		34.5		25.4	33.3		0		---	31
TOTAL	---	---	---	598.58	822.8	1 034.8	873.2	932.8	984.5	720.888	0	---	TOTAL
MEAN	---	---	---	20.0	26.8	34.5	31.4	30.1	32.2	23.2	0	---	MEAN
MAX	---	---	---	33.0	34.5	35.6	35.2	33.8	34.7	34.5	0	---	MAX
MIN	---	---	---	0	14.8	30.8	21.7	13.0	24.7	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.8
MAXIMUM DAILY, 35.6 ON JUN 26
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 48 N
LONG 113 01 17 W

A - MANUAL GAUGE

REGULATED SINCE 1918

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	84 100
FEB	---	AUG	80 800
MAR	---	SEP	83 300
APR	61 700	OCT	82 300
MAY	71 100	NOV	0
JUN	89 400	DEC	---

TOTAL DISCHARGE, 823 000 dam³

BOW RIVER DEVELOPMENT MAIN CANAL AT DROP NO. 3 - STATION NO. 05AC902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	22.8	33.4	31.8	37.3	12.8	12.4	---	---	1
2	---	---	---	0	24.7	32.5	32.0	32.8	16.3	12.3	---	---	2
3	---	---	---	0	30.6	32.5	31.9	28.4	16.3	12.2	---	---	3
4	---	---	---	0	33.1	32.4	31.8	28.0	16.3	12.1	---	---	4
5	---	---	---	0	30.9	32.8	32.5	25.0	16.3	12.1	---	---	5
6	---	---	---	0	28.8	32.3	32.1	24.8	16.4	12.0	---	---	6
7	---	---	---	0	28.7	31.1	31.0	24.8	16.6	8.31	---	---	7
8	---	---	---	0	28.7	23.0	30.8	23.8	16.8	0.813	---	---	8
9	---	---	---	0	31.4	6.86	33.3	21.8	16.0	0	---	---	9
10	---	---	---	0	33.5	6.02	35.1	21.6	16.3	0	---	---	10
11	---	---	---	0	33.8	6.00	38.8	20.2	16.2	0	---	---	11
12	---	---	---	0	34.1	6.05	37.8	18.3	16.1	0	---	---	12
13	---	---	---	0	35.8	6.16	37.7	17.8	16.1	0	---	---	13
14	---	---	---	0	38.2	6.12	38.0	18.0	16.1	0	---	---	14
15	---	---	---	0	37.8	5.83	37.9	17.3	16.6	0	---	---	15
16	---	---	---	0	39.7	6.28	37.7	17.4	16.1	0	---	---	16
17	---	---	---	0	40.7	6.86	37.8	17.6	16.1	0	---	---	17
18	---	---	---	0	40.7	10.8	37.6	17.3	16.2	0	---	---	18
19	---	---	---	0	40.7	13.7	38.3	17.4	14.2	0	---	---	19
20	---	---	---	0	40.8	16.6	40.9	17.3	12.6	0	---	---	20
21	---	---	---	0	40.8	23.1	40.4	17.2	11.3	0	---	---	21
22	---	---	---	0	40.8	27.2	40.8	16.9	10.7	0	---	---	22
23	---	---	---	0	40.6	30.1	41.1	16.0	10.7	0	---	---	23
24	---	---	---	0	40.4	33.7	41.2	15.8	10.7	0	---	---	24
25	---	---	---	10.8 A	38.8	35.3	42.3	14.8	10.7	0	---	---	25
26	---	---	---	10.6	37.2	37.3	43.2	14.1	11.6	0	---	---	26
27	---	---	---	14.6	37.6	41.6	43.2	14.0	12.4	0	---	---	27
28	---	---	---	14.8	37.4	44.2	42.1	14.0	12.4	0	---	---	28
29	---	---	---	20.1	37.4	35.0	38.7	13.4	12.4	0	---	---	29
30	---		---	24.0	36.6	31.8	38.4	12.5	12.3	0	---	---	30
31	---		---		34.7		38.4	12.5		0		---	31
TOTAL	---	---	---	94.6	1 098.0	681.86	1 154.4	606.2	421.8	82.823	---	---	TOTAL
MEAN	---	---	---	3.15	35.4	23.1	37.2	19.6	14.1	2.67	---	---	MEAN
MAX	---	---	---	24.0	40.8	44.2	43.2	37.3	16.3	12.4	---	---	MAX
MIN	---	---	---	0	22.8	5.83	30.8	12.5	10.7	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.0
MAXIMUM DAILY, 44.2 ON JUN 28
MINIMUM DAILY, 0 ON OCT 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 25 N
LONG 112 32 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	69 700
FEB	---	AUG	52 400
MAR	---	SEP	38 400
APR	6 170	OCT	7 180
MAY	84 800	NOV	---
JUN	59 800	DEC	---

TOTAL DISCHARGE, 350 000 dam³

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

BOW RIVER DEVELOPMENT WESTERN BLOCK LATERAL A NEAR HEADGATE - STATION NO. 05AC913

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.765	1.18	0.858	0.818	0.072	0.242	---	---	1
2	---	---	---	---	0.908	1.08	0.885	0.453	0.073	0.282	---	---	2
3	---	---	---	---	0.934	0.833	0.787	0.811	0.123	0.234	---	---	3
4	---	---	---	---	1.05	1.02	0.870	1.02	0.141	0.282	---	---	4
5	---	---	---	---	0.821	1.02	1.06	1.12	0.140	0.380	---	---	5
6	---	---	---	---	0.909	1.14	1.08	1.09	0.134	0.438	---	---	6
7	---	---	---	---	0.512	1.12	1.00	1.05	0.120	0.218	---	---	7
8	---	---	---	---	0.482	0.883	0.898	0.841	0.176	0.003	---	---	8
9	---	---	---	---	0.521	0	1.08	0.833	0.187	0.002	---	---	9
10	---	---	---	---	0.827	0	1.12	0.428	0.198	0.001	---	---	10
11	---	---	---	---	0.883	0	1.14	0.408	0.188	0	---	---	11
12	---	---	---	---	0.748	0	1.18	0.384	0.177	0	---	---	12
13	---	---	---	---	0.778	0	1.21	0.400	0.238	0	---	---	13
14	---	---	---	---	0.818	0	1.18	0.389	0.239	0	---	---	14
15	---	---	---	---	0.847	0	1.09	0.406	0.237	0	---	---	15
16	---	---	---	---	0.881	0	1.05	0.472	0.288	0	---	---	16
17	---	---	---	---	0.829	0.061	1.06	0.380	0.308	0	---	---	17
18	---	---	---	---	0.856	0.228	1.05	0.327	0.308	0	---	---	18
19	---	---	---	---	0.877	0.288	1.07	0.328	0.303	0	---	---	19
20	---	---	---	---	0.801	0.800	1.05	0.308	0.282	0	---	---	20
21	---	---	---	---	0.818	0.878	0.874	0.288	0.192	0	---	---	21
22	---	---	---	---	0.854	0.838	1.02	0.193	0.087	0	---	---	22
23	---	---	---	---	0.861	1.18	1.07	0.147	0.086	0	---	---	23
24	---	---	---	---	0.857	1.24	1.08	0.148	0.087	0	---	---	24
25	---	---	---	---	1.08	1.36	1.20	0.182	0.086	0	---	---	25
26	---	---	---	---	1.08	1.41	1.13	0.188	0.087	0	---	---	26
27	---	---	---	---	0.894	1.43	1.08	0.287	0.087	0	---	---	27
28	---	---	---	---	0.793	1.48	0.887	0.276	0.086	0	---	---	28
29	---	---	---	---	0.788	1.32	0.826	0.244	0.083	0	---	---	29
30	---		---	---	0.754	1.08	0.720	0.214	0.178	0	---	---	30
31	---		---		0.898		0.881	0.111		0		---	31
TOTAL	---	---	---	---	25.840	21.268	31.583	14.172	5.058	2.069	---	---	TOTAL
MEAN	---	---	---	---	0.834	0.709	1.02	0.457	0.169	0.066	---	---	MEAN
MAX	---	---	---	---	1.08	1.48	1.21	1.12	0.308	0.438	---	---	MAX
MIN	---	---	---	---	0.482	0	0.881	0.111	0.072	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.843
MAXIMUM DAILY, 1.48 ON JUN 28
MINIMUM DAILY, 0 ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 30 N
LONG 112 35 00 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 730
FEB	---	AUG	1 230
MAR	---	SEP	427
APR	---	OCT	178
MAY	2 230	NOV	---
JUN	1 840	DEC	---

TOTAL DISCHARGE, 8 840 dam³

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

BOW RIVER NEAR SEEBE - STATION NO. 05BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.3B	45.5B	59.2	50.0	86.1	133	137	120	80.3	81.1	87.6	84.0	1
2	32.0B	43.9B	61.7	47.0	86.7	126	122	117	75.7	58.1	76.5	52.4	2
3	31.6B	46.2B	57.2	35.4	80.6	116	133	114	86.6	54.9	67.6	44.6	3
4	51.9B	46.8B	53.0	30.0	90.7	114	151	102	80.6	82.0	81.1	35.1	4
5	53.4B	45.8B	45.9	56.9	96.6	126	143	102	81.1	61.7	84.7	44.4	5
6	56.9B	44.0B	38.7	50.3	96.6	132	141	84.6	73.6	56.5	42.2	51.1	6
7	57.9B	34.4B	36.1	60.3	91.3	174	165	86.6	77.2	54.7	81.6	57.0	7
8	59.7B	36.1B	54.2	55.1	67.1	248	150	95.0	86.6	52.4	86.2	50.2	8
9	53.6B	50.3B	54.4	46.9	53.6	318	134	87.6	89.3	57.6	82.3	46.6	9
10	49.6B	45.4B	53.2	33.3	84.0	276	120	80.1	86.2	51.6	84.6	46.6	10
11	56.0B	53.0B	52.9	47.6	74.4	225	124	81.4	52.6	80.4	84.6	36.7	11
12	58.5B	46.6B	43.3	54.9	78.1	186	134	84.4	61.6	59.5	43.0	51.3	12
13	56.4B	38.4B	30.0	50.5	93.9	170	149	93.4	61.4	66.9	43.7	46.6	13
14	56.4B	36.3B	43.2	59.0	109	161	143	86.0	41.6	70.6	53.0	80.0	14
15	56.6B	43.9B	52.4	60.6	114	146	126	90.6	56.2	61.6	65.2	41.2	15
16	38.9B	50.1B	53.1	61.2	112	143	119	86.6	63.6	51.6	46.6	36.5	16
17	37.1B	48.0B	53.4	64.6	116	160	112	61.1	61.7	64.6	49.0	40.3	17
18	44.0B	46.6B	53.9	59.4	131	176	111	64.6	66.0	62.6	60.3	40.4	18
19	46.7B	46.3B	40.2	71.1	126	161	116	90.1	61.6	69.0	46.9	51.0	19
20	49.2B	47.6B	26.6	76.6	135	172	116	94.4	67.1	73.0	36.3	36.1	20
21	57.6B	33.4B	47.0	80.2	131	160	115	66.4	62.4	67.0	46.6	42.2	21
22	52.6B	43.0B	50.3	60.6	126	162	122	66.6	66.1	56.0	64.1	44.0	22
23	43.3B	47.2B	56.2	77.4	137	162	122	76.0	62.2	43.1	63.6	46.3	23
24	34.6B	50.6B	53.6	70.6	167	160	126	67.1	66.1	67.0	66.0	32.7B	24
25	40.3B	47.6B	66.2	71.0	170	163	121	66.9	64.3	64.7	49.9	36.2B	25
26	49.7B	51.4B	44.2	79.6	160	137	116	75.6	66.6	74.3	46.9	33.6B	26
27	47.0B	43.0B	33.6	77.1	152	144	116	67.3	66.7	67.6	34.3	34.2B	27
28	52.7B	32.5B	46.7	73.6	141	152	120	64.2	64.6	74.9	43.4	39.0B	28
29	52.5B	36.6B	61.1	77.5	137	166	120	66.1	64.6	60.4	47.9	39.5B	29
30	37.4B		53.6	70.3	147	163	116	66.0	49.2	39.3	67.3	43.6B	30
31	36.9B		57.5		136		114	66.2		66.6		46.6B	31
TOTAL	1 498.4	1 291.6	1 606.1	1 844.7	3 282.6	4 996	3 966	2 616.6	1 906.2	1 673.0	1 686.3	1 364.6	TOTAL
MEAN	48.3	44.5	48.6	61.5	106	167	128	90.6	63.6	60.4	62.6	43.7	MEAN
MAX	59.7	53.0	59.2	80.6	170	316	166	120	66.6	74.9	76.6	57.0	MAX
MIN	31.6	32.5	26.6	33.3	47.1	116	111	67.1	41.6	39.3	34.3	32.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 76.2
MAXIMUM DAILY, 316 ON JUN 9
MINIMUM DAILY, 26.6 ON MAR 26
MAXIMUM INSTANTANEOUS,
331 AT 15:20 MST ON JUN 9

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 07 10 N
LONG 115 02 00 W
DRAINAGE AREA, 5 170 km²

B - ICE CONDITIONS

REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	128 000	JUL	342 000
FEB	112 000	AUG	264 000
MAR	130 000	SEP	185 000
APR	158 000	OCT	162 000
MAY	282 000	NOV	137 000
JUN	332 000	DEC	117 000

TOTAL DISCHARGE, 2 410 000 dam³

BOW RIVER NEAR THE MOUTH - STATION NO. 05BN012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.5B	46.0B	53.5B	67.8	17.8	26.3	74.7	28.6	25.7	14.0	72.2	35.0B	1
2	30.0B	44.0B	56.0B	72.4	17.0	22.8	85.6	30.7	26.6	13.4	70.9	46.0B	2
3	29.0B	43.2B	57.6B	77.6	14.4	22.6	94.3	31.6	24.6	12.6	75.8A	55.0B	3
4	28.2B	42.8B	60.0B	79.2	12.6	26.4	119	86.6A	19.7	13.3	80.7A	65.0B	4
5	28.0B	42.8B	63.6B	73.6	13.0	40.4	85.3	117 E	16.6	13.6	81.6A	72.0B	5
6	27.4B	42.8B	68.0B	65.6	16.1	30.8	57.0	59.2E	17.6	14.2	81.2A	71.0B	6
7	26.8B	42.8B	72.7B	68.6	15.9	25.6	66.6	43.2E	17.6	15.5	79.4A	57.0B	7
8	26.4B	42.7B	75.6B	68.3	14.9	34.3	86.2	40.8E	16.3	17.1	78.0A	45.6B	8
9	26.6B	42.7B	80.0B	68.4	16.6	90.3	58.0	71.6E	16.7	17.1	68.3	45.6B	9
10	26.2B	42.7B	83.0B	65.6	16.4	130	60.6	64.9E	63.6	17.4	61.6A	47.6B	10
11	25.0B	42.2B	81.0B	61.6	17.5	198	61.2	42.6E	68.2	17.6	65.6A	50.0B	11
12	25.0B	42.1B	78.6B	58.6	17.6	220	54.2	42.6E	69.6	17.4	71.7A	52.6B	12
13	25.3B	42.0B	80.0B	38.6	16.6A	203	50.6	53.6E	63.1	16.6	77.0E	66.6B	13
14	26.6B	42.2B	83.6B	31.0	16.3A	216	42.6	77.2E	66.1	14.6	82.6A	67.7B	14
15	26.6B	42.6B	84.0B	11.1	20.6	186	32.7	66.0E	60.0	15.0	66.0B	69.6B	15
16	32.6B	42.6B	66.6B	11.6	19.4	139	36.4	31.6A	63.0	15.7	61.0B	61.6B	16
17	37.0B	43.0B	63.0B	11.2	18.6	91.6	46.0	31.0	64.6	16.3	46.0B	63.0B	17
18	44.0B	43.2B	102 B	7.37	20.6	66.6	43.7	28.7	66.4	23.0	42.0B	62.6B	18
19	47.0B	43.6B	119 B	6.24	23.7	64.1	41.1	23.6	63.3	66.0A	44.6B	60.6B	19
20	47.6B	44.0B	116 B	17.7	26.3	74.1	33.4	72.2	46.6	73.1	46.6B	64.4B	20
21	46.4B	64.6B	106 B	13.6	27.2A	107	26.6	60.4	37.6	67.6	62.0B	47.0B	21
22	49.0B	66.0B	103 B	11.6	26.0	92.0	26.6	61.4	23.0	66.6	67.0B	36.0B	22
23	49.6B	66.6B	100 B	20.0	24.6	80.0A	26.0	61.9	17.3	61.0	66.1B	32.0B	23
24	61.0B	66.0B	97.0B	36.0	23.7	60.1A	26.7	66.7	16.6	64.6	62.0B	26.0B	24
25	61.6B	66.6B	94.0B	26.3 A	23.2	62.6A	27.1	63.0	16.6	67.3	46.0B	20.0B	25
26	63.0B	67.6B	91.0B	30.1 A	23.9	66.0E	27.0	37.1	16.2	67.6	36.0B	16.6B	26
27	64.0B	66.6B	89.0B	31.6 A	21.6	66.0E	26.3	30.2	16.0	66.4	32.0B	16.6B	27
28	67.0B	60.4B	90.0B	16.3 A	20.6	62.7E	26.6	22.2	16.6	60.0A	26.0B	16.0B	28
29	66.0B	61.6B	91.6B	12.6	21.6	64.7E	24.6	16.4	16.6	77.6A	19.1B	22.0B	29
30	62.0B		91.6B	6.66A	26.0	76.6	24.0	16.0	14.1	63.6	26.0B	27.0B	30
31	66.0B		66.0B		29.0		27.3	17.6		76.0		31.0B	31
TOTAL	1 164.1	1 206.1	2 632.6	1 163.66	619.6	2 660.9	1 494.9	1 440.6	1 206.6	1 194.1	1 721.2	1 416.6	TOTAL
MEAN	36.2	64.3	64.6	36.6	20.0	66.4	46.2	46.6	40.3	36.6	67.4	46.7	MEAN
MAX	67.0	61.6	116	79.2	29.0	220	119	117	66.0	63.6	61.6	72.0	MAX
MIN	26.0	42.0	63.6	6.24	12.6	22.6	24.0	16.6	14.1	12.6	16.1	16.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.3
MAXIMUM DAILY, 220 ON JUN 12
MINIMUM DAILY, 6.24 ON APR 16
MAXIMUM INSTANTANEOUS,
226 AT 14:10 MST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 47 N
LONG 111 35 26 W
DRAINAGE AREA, 25 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	102 000	JUL	120 000
FEB	111 000	AUG	124 000
MAR	227 000	SEP	104 000
APR	101 000	OCT	103 000
MAY	53 800	NOV	148 000
JUN	232 000	DEC	122 000

TOTAL DISCHARGE, 1 660 000 dam³

BOYER RIVER NEAR FORT VERMILION - STATION NO. 07JF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1298	0.1108	47.5	20.0	7.46	7.36	0.275	0.095	1.20	---	1
2	---	---	0.1298	0.1128	46.7	20.8	11.5	6.44	0.283	0.078	1.22	---	2
3	---	---	0.1178	0.1108	45.8	21.3	18.8	5.77	0.307	0.091	1.29A	---	3
4	---	---	0.1188	0.1058	45.0	21.0	24.0	5.20	0.138	0.088	---	---	4
5	---	---	0.1118	0.1388	44.4	20.5	31.8	5.03	0.108	0.234	---	---	5
6	---	---	0.1058	0.1388	43.8	20.2	38.2	4.84	0.103	0.425	---	---	6
7	---	---	0.0918	0.1638	43.8	19.4	38.0	4.57	0.088	0.416	---	---	7
8	---	---	0.0878	0.2218	44.1	18.5	39.9	4.36	0.141	0.332	---	---	8
9	---	---	0.0908	0.1888	44.4	17.8	38.7	3.95	0.181	0.307	---	---	9
10	---	---	0.0808	0.1638	44.2	17.7	34.2	3.58	0.141	0.324	---	---	10
11	---	---	0.0778	0.1948	43.3	18.0	28.5	3.28	0.120	0.280	---	---	11
12	---	---	0.0758	0.2288	41.5	18.4	24.7	2.93	0.090	0.218	---	---	12
13	---	---	0.0708	0.2638	40.1	20.4	21.8	2.68	0.083	0.183	---	---	13
14	---	---	0.0628	0.4278	38.2	20.8	19.5	2.58	0.072	0.148	---	---	14
15	---	---	0.0548	2.87 B	35.7	19.8	18.4	2.34	0.083	0.143	---	---	15
16	---	---	0.0528	36.5 B	33.1	18.8	18.0	2.12	0.058	0.152	---	---	16
17	---	---	0.0488	49.7 B	30.8	17.8	17.8	1.92	0.055	0.151	---	---	17
18	---	---	0.0478	57.2 B	28.5	16.4	17.6	1.68	0.053	0.142	---	---	18
19	---	---	0.0918	55.4 B	26.7	15.2	17.0	2.09	0.048	0.136	---	---	19
20	---	---	0.0818	59.0 B	24.9	14.0	16.0	1.82	0.042	0.196	---	---	20
21	---	---	0.0928	60.6 B	22.9	12.8	15.0	1.54	0.039	0.223	---	---	21
22	---	---	0.1028	47.3 B	21.4	11.3	14.1	1.44	0.038	0.446	---	---	22
23	---	---	0.0868	47.5 B	20.0	9.78	13.1	1.60	0.037	0.508	---	---	23
24	---	0.1288	0.0788	51.2	18.6	8.49	12.4	1.78	0.035	0.566	---	---	24
25	---	0.1418	0.0808	51.6	18.0	7.48	12.1	1.55	0.033	0.6948	---	---	25
26	---	0.1488	0.0888	51.0	17.8	8.72	12.2	1.45	0.029	0.7388	---	---	26
27	---	0.1488	0.0838	52.6	18.9	9.87	11.8	1.28	0.025	0.736	---	---	27
28	---	0.1478	0.0838	53.0	18.8	9.34	10.5	0.988	0.023	0.788	---	---	28
29	---	0.1448	0.0828	52.0	17.2	9.10	8.70	0.782	0.030	0.849	---	---	29
30	---		0.0868	49.8	17.8	8.49	9.29	0.808	0.042	0.8948	---	---	30
31	---		0.0838		18.8		8.33	0.413		1.18 B		---	31
TOTAL	---	---	2.880	779.837	898.8	485.78	808.18	87.962	2.844	11.748	---	---	TOTAL
MEAN	---	---	0.087	26.0	32.2	16.2	19.8	2.84	0.088	0.379	---	---	MEAN
MAX	---	---	0.128	65.4	47.5	21.3	39.8	7.36	0.275	1.16	---	---	MAX
MIN	---	---	0.047	0.105	18.8	5.10	7.46	0.413	0.023	0.088	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.0
MAXIMUM DAILY, 65.4B ON APR 19
MINIMUM DAILY, 0.023 ON SEP 26
MAXIMUM INSTANTANEOUS,
68.9B AT 05:00 MST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 42 N
LONG 118 18 10 W
DRAINAGE AREA, 6 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	52 500
FEB	---	AUG	7 800
MAR	232	SEP	228
APR	87 400	OCT	1 020
MAY	88 300	NOV	---
JUN	39 400	DEC	---

TOTAL DISCHARGE, 295 000 dam³

BOYER RIVER NEAR PADDLE PRAIRIE - STATION NO. 07JF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.0278	0.057	0.120	0.102	0.068	0	0	0.0058	---	1
2	---	---	0.0018	0.0368	0.163	0.077	0.120	0.078	0	0	0.0058	---	2
3	---	---	0.0018	0.0328	0.018	0.023	0.120	0.073	0	0	0.0058	---	3
4	---	---	0.0018	0.0328	0.012	0.012	0.114	0.081	0	0	0.0058	---	4
5	---	---	0.0018	0.0378	0.002	0.011	0.108	0.045	0	0	---	---	5
6	---	---	0.0018	0.0488	0.002	0.010	0.121	0.031	0	0	---	---	6
7	---	---	0.0018	0.0558	0	0.008	0.138	0.018	0	0	---	---	7
8	---	---	0.0018	0.0688	0	0.003	0.139	0.008	0	0	---	---	8
9	---	---	0.0018	0.0738	0	0.006	0.133	0.003	0	0	---	---	9
10	---	---	0.0018	0.0748	0	0.029	0.100	0.001	0	0	---	---	10
11	---	---	0.0018	0.0788	0	0.038	0.082	0	0.001	0	---	---	11
12	---	---	0.0018	0.078E	0	0.026	0.080	0	0.002	0	---	---	12
13	---	---	0.0018	0.230E	0	0.011	0.118	0	0.002	0	---	---	13
14	---	---	0.0028	1.26 A	0	0.022	0.086	0	0.002	0	---	---	14
15	---	---	0.0048	2.89	0	0.011	0.111	0	0.005	0	---	---	15
16	---	---	0.0058	1.50	0	0.026	0.082	0	0.008	0	---	---	16
17	---	---	0.0058	1.12	0.018	0.018	0.151	0	0.004	0.178	---	---	17
18	---	---	0.0068	0.841	0.042	0.018	0.202	0	0.002	0.087	---	---	18
19	---	---	0.0068	0.383	0.008	0.010	0.151	0	0.001	0.037	---	---	19
20	---	---	0.0068	0.357	0.015	0.005	0.122	0	0.001	0.018	---	---	20
21	---	---	0.0068	0.357	0.004	0.003	0.112	0	0	0.015	---	---	21
22	---	---	0.0068	0.324	0.008	0.004	0.113	0	0	0.013	---	---	22
23	---	---	0.0108	0.284	0.008	0.004	0.105	0	0	0.010	---	---	23
24	---	---	0.0108	0.238	0.007	0.002	0.088	0	0	0.007	---	---	24
25	---	0.0018	0.0108	0.208	0.004	0.002	0.093	0	0	0.007	---	---	25
26	---	0.0018	0.0128	0.187	0.001	0.002	0.117	0	0	0.0078	---	---	26
27	---	0.0028	0.0078	0.203	0.008	0.002	0.105	0	0	0.0068	---	---	27
28	---	0.0028	0.0068	0.212	0.011	0.002	0.080	0	0	0.0068	---	---	28
29	---	0.0028	0.0078	0.218	0.448	0.004	0.105	0	0	0.0068	---	---	29
30	---		0.0088	0.041	0.325	0.030	0.088	0	0	0.0068	---	---	30
31	---		0.0128		0.205		0.088	0		0.0068		---	31
TOTAL	---	---	0.150	11.013	1.358	0.535	3.486	0.367	0.026	0.410	---	---	TOTAL
MEAN	---	---	0.005	0.367	0.044	0.018	0.112	0.012	0.001	0.013	---	---	MEAN
MAX	---	---	0.012	2.89	0.448	0.120	0.202	0.078	0.008	0.178	---	---	MAX
MIN	---	---	0.001	0.027	0	0.002	0.088	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 2.89 ON APR 15
MINIMUM DAILY, 0 ON MAY 7
MAXIMUM INSTANTANEOUS,
4.73 AT 18:00 MST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 30 N
LONG 117 38 45 W
DRAINAGE AREA, 84.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	301
FEB	---	AUG	33.4
MAR	13.0	SEP	2.28
APR	852	OCT	36.4
MAY	117	NOV	---
JUN	48.2	DEC	---

TOTAL DISCHARGE, 1 500 dam³

BRAZEAU RESERVOIR - STATION NO. 05DD005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	960.17	957.17	954.48	951.40	951.63	951.34	957.59	960.28	964.78	965.03	963.01	961.70	1
2	960.07	957.01	954.34	951.34	951.61	951.36	957.69	960.43	964.82	964.98	962.98	961.65	2
3	959.97	956.90	954.18	951.39	951.66	951.30	957.79	960.53	964.81	964.95	962.95	961.62	3
4	959.88	956.71	954.01	951.18	951.62	951.43	957.86	960.62	965.01	964.88	962.88	961.59	4
5	959.77	956.61	954.00	951.08	951.43	951.58	957.88	960.62	965.05	964.83	962.91	961.46	5
6	959.68	956.53	953.98	950.97	951.34	951.66	957.89	961.10	964.99	964.78	962.81	961.38	6
7	959.59	956.48	953.80	950.77	951.38	951.89	958.18	961.52	965.00	964.74	962.81	961.29	7
8	959.51	956.38	953.65	950.68	951.49	952.96	958.32	961.79	964.99	964.70	962.88	961.16	8
9	959.38	956.21	953.48	950.64	951.46	953.81	958.53	962.05	965.02	964.65	962.85	961.13	9
10	959.30	956.22	953.40	950.70	951.40	954.33	958.72	962.23	965.08	964.60	962.80	961.12	10
11	959.21	956.12	953.23	950.52	951.43	954.72	958.82	962.43	965.15	964.53	962.77	960.98	11
12	959.08	956.01	953.10	950.51	951.45	955.03	958.87	962.51	965.14	964.45	962.62	960.88	12
13	958.94	955.91	953.05	950.35	951.44	955.17	959.03	962.65	965.13	964.34	962.62	960.82	13
14	958.90	955.86	952.98	950.37	951.84	955.36	959.08	962.77	965.13	964.30	962.78	960.74	14
15	958.80	955.77	952.87	950.42	951.85	955.44	959.18	962.89	965.12	964.23	962.72	960.68	15
16	958.71	955.69	952.81	950.39	951.80	955.60	959.26	962.87	965.13	964.17	962.61	960.61	16
17	958.65	955.62	952.66	950.84	951.62	955.73	959.42	963.14	965.18	964.04	962.54	960.58	17
18	958.55	955.53	952.48	950.88	951.44	955.92	959.46	963.27	965.26	963.84	962.47	960.56	18
19	958.50	955.45	952.44	951.01	951.27	956.18	959.53	963.48	965.26	963.82	962.42	960.46	19
20	958.37	955.38	952.46	951.02	951.15	956.18	959.59	963.70	965.25	963.78	962.42	960.37	20
21	958.25	955.24	952.34	951.20	950.95	956.30	959.58	963.69	965.25	963.68	962.26	960.26	21
22	958.17	955.17	952.24	951.30	950.81	956.42	959.44	964.05	965.26	963.61	962.20	960.19	22
23	958.04	955.10	952.13	951.39	951.06	956.47	959.53	964.14	965.25	963.48	962.18	960.12	23
24	957.87	955.05	952.04	951.57	951.25	956.61	959.68	964.23	965.23	963.44	962.14	960.06	24
25	957.68	954.93	951.94	951.56	951.23	956.75	959.63	964.32	965.28	963.33	962.12	959.89	25
26	957.61	954.82	951.88	951.53	951.27	956.95	959.71	964.41	965.24	963.25	962.03	959.84	26
27	957.68	954.63	951.81	951.52	951.18	957.04	959.79	964.51	965.20	963.19	961.94	959.84	27
28	957.80	954.72	951.82	951.40	951.23	957.15	959.68	964.57	965.15	963.10	961.86	959.78	28
29	957.61	954.61	951.74	951.40	951.28	957.30	959.87	964.82	965.09	963.13	961.84	959.72	29
30	957.41		951.60	951.52	951.31	957.43	960.08	964.88	965.05	963.13	961.78	959.84	30
31	957.30		951.44		951.37		960.18	964.74		963.07		959.80	31
MEAN	958.73	955.80	952.85	951.02	951.38	954.85	959.04	962.86	965.11	964.07	962.83	960.84	MEAN
MAX	960.17	957.17	954.48	951.57	951.85	957.43	960.18	964.74	965.28	965.03	963.01	961.70	MAX
MIN	957.30	954.61	951.44	950.35	950.81	951.30	957.59	960.28	964.78	963.07	961.78	959.80	MIN

WATER LEVELS IN METRES

MEAN, 958.28
MAXIMUM DAILY, 965.28 ON SEP 25
MINIMUM DAILY, 950.35 ON APR 13

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 56 14 N
LONG 115 34 49 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
5 500 km²

BRAZEAU RIVER BELOW BRAZEAU PLANT - STATION NO. 05DD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.4	46.3	50.2	48.1	5.36	33.6	0.863	4.84	22.2	56.4	46.9	34.9	1
2	29.5	56.6	46.3	12.2	35.8	31.7	26.6	4.13	27.1	63.2	43.9	36.4	2
3	63.3	53.3	49.0	20.5	32.0	28.7	28.6	40.2	8.17	58.6	49.6	26.9	3
4	39.7	54.8	45.6	46.6	35.1	8.43	36.7	21.7	6.65	70.1	43.3	36.9	4
5	48.1	52.6	32.6	44.2	39.6	3.26	46.9	11.0	26.6	74.3	12.6	45.3	5
6	45.0	26.7	12.3	36.9	35.5	24.0	36.4	6.46	64.6	63.3	12.5	46.7	6
7	33.6	27.6	46.1	47.3	11.6	46.6	34.6	7.16	46.1	64.3	17.5	53.9	7
8	44.2	35.3	47.3	44.5	0.875	40.4	34.7	16.0	46.0	63.6	28.6	45.4	8
9	42.4	37.9	44.5	13.7	42.1	52.0	3.31	18.2	41.3	58.7	30.3	26.6	9
10	32.6	36.9	46.1	23.6	46.4	78.2	2.24	26.2	19.6	59.2	28.6	21.5	10
11	43.7	35.1	56.7	37.0	40.0	43.1	35.1	19.8	10.6	62.4	31.2	37.4	11
12	51.7	32.2	29.9	36.6	51.6	40.6	26.6	31.6	46.2	66.9	12.1	42.5	12
13	46.9	39.0	19.7	37.5	44.5	56.5	33.6	16.6	40.8	71.9	14.1	34.6	13
14	33.0	26.4	42.9	31.1	24.9	44.9	49.2	3.43	60.6	62.6	36.1	41.9	14
15	37.1	29.4	35.9	30.4	18.3	42.5	26.6	24.3	38.3	62.9	46.1	33.2	15
16	29.0	37.6	33.4	33.7	63.2	50.4	8.98	56.0	39.4	54.6	36.1	32.6	16
17	32.0	29.4	36.9	3.84	83.0	44.6	2.18	28.9	33.6	76.0	41.7	20.9	17
18	34.7	36.7	36.1	24.9	72.6	28.6	17.4	70.1	7.25	88.3	36.3	26.4	18
19	36.1	32.1	22.4	63.3	76.3	39.1	26.6	32.0	49.1	86.2	23.1	44.9	19
20	43.6	34.6	10.4	41.9	72.2	56.1	22.3	6.84	44.3	86.4	26.4	36.6	20
21	43.6	32.7	40.7	25.9	67.1	29.6	39.9	5.32	43.4	81.6	52.0	36.6	21
22	40.7	36.3	36.4	26.3	10.6	37.9	82.0	21.6	46.3	71.3	43.6	46.6	22
23	41.6	27.6	32.6	16.6	0.888	36.3	5.41	36.6	51.6	66.9	30.6	26.6	23
24	34.2	30.7	44.0	4.36	17.6	32.9	2.24	29.6	40.6	69.7	27.0	32.3	24
25	40.7	36.2	36.0	36.6	24.3	23.0	40.0	29.3	21.6	69.3	36.6	29.3	25
26	36.6	23.1	6.82	33.7	42.0	3.00	11.9	26.2	66.7	66.1	34.3	23.1	26
27	40.6	26.1	24.6	36.2	46.2	44.1	23.6	16.6	62.6	66.0	44.1	36.0	27
28	39.6	36.7	29.3	46.6	19.1	39.3	7.76	33.2	72.2	69.7	27.0	36.2	28
29	42.6	41.4	31.6	23.3	23.0	36.3	26.7	36.9	66.6	12.1	30.6	30.1	29
30	41.7		46.6	2.41	32.9	42.6	4.80	22.6	51.6	16.7	26.6	26.6	30
31	37.4		26.4		29.2		4.42	24.6		41.0		33.7	31
TOTAL	1 248.1	1 055.3	1 111.12	922.61	1 143.144	1 127.88	760.463	716.90	1 167.27	1 847.6	983.6	1 087.2	TOTAL
MEAN	40.2	36.4	35.8	30.6	36.9	37.6	24.5	23.1	38.9	59.6	32.1	35.1	MEAN
MAX	63.3	56.6	56.7	63.3	83.0	78.2	82.0	70.1	72.2	88.3	52.0	63.6	MAX
MIN	29.0	23.1	6.82	2.41	0.888	3.00	0.863	3.43	6.17	12.1	12.1	20.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.9
MAXIMUM DAILY, 83.0 ON JUL 22
MINIMUM DAILY, 0.888 ON MAY 23

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 45 N
LONG 115 21 50 W
DRAINAGE AREA, 5 880 km²

REGULATED SINCE 1960

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	108 000	JUL	65 700
FEB	91 200	AUG	61 900
MAR	96 000	SEP	101 000
APR	79 700	OCT	160 000
MAY	98 800	NOV	83 200
JUN	97 500	DEC	93 900

TOTAL DISCHARGE, 1 140 000 dam³

BRAZEAU RIVER BELOW CARDINAL RIVER - STATION NO. 05DD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	13.9	31.4	55.3	48.2	40.6	32.3A	17.4A	---	1
2	---	---	---	---	13.3	28.3	49.4	54.6	38.2	31.7A	---	---	2
3	---	---	---	---	13.0	25.8	47.4	58.5	37.8	30.3A	---	---	3
4	---	---	---	---	13.1	26.2	47.6	55.1	39.3	29.7A	---	---	4
5	---	---	---	---	12.9	26.8	51.2	57.9	40.4	29.0A	---	---	5
6	---	---	---	---	13.8	51.4	61.9	113	41.1	28.0A	---	---	6
7	---	---	---	---	13.9	107	60.5	113	45.5	27.7A	---	---	7
8	---	---	---	---	17.7	281	54.5	80.6	42.6	26.4A	---	---	8
9	---	---	---	---	22.4	175	52.2	76.5	37.9	25.5A	---	---	9
10	---	---	---	---	31.0	122	51.4	59.2	35.2	25.3A	---	---	10
11	---	---	---	---	34.7	95.9	54.5	53.9	35.1	24.5A	---	---	11
12	---	---	---	---	45.5	76.5	58.3	57.4	34.2	24.5A	---	---	12
13	---	---	---	---	56.2	67.5	54.4	52.7	33.5	24.4	---	---	13
14	---	---	---	---	54.5	62.4	48.4	51.2	34.2	24.1	---	---	14
15	---	---	---	---	37.7	55.5	45.2	52.7	34.5	23.9	---	---	15
16	---	---	---	---	33.1	71.5	41.2	56.1	38.5	23.5	---	---	16
17	---	---	---	---	42.2	77.5	38.3	54.0	38.4	22.9	---	---	17
18	---	---	---	---	33.9	78.4	36.5	54.7	35.5	21.5	---	---	18
19	---	---	---	---	28.7	72.3	34.4	50.9	35.4	21.5	---	---	19
20	---	---	---	---	26.5	65.9	34.5	50.3	33.9	21.4	---	---	20
21	---	---	---	---	25.7	61.4	36.1	59.7	32.4	20.9	---	---	21
22	---	---	---	---	26.2	61.5	40.1	54.5	30.5	21.5	---	---	22
23	---	---	---	---	37.0	67.4	40.5	51.1	28.7	20.5	---	---	23
24	---	---	---	---	39.5	65.4	37.5	50.3	29.3	20.2	---	---	24
25	---	---	---	---	36.7	60.2	37.4	50.2	28.5	19.5	---	---	25
26	---	---	---	14.0A	35.5	60.0	40.4	50.7	27.5	19.9	---	---	26
27	---	---	---	14.4	35.1	65.0	43.5	48.7	26.5	19.1A	---	---	27
28	---	---	---	15.4	34.1	65.3	44.5	48.4	26.0A	18.7E	---	---	28
29	---	---	---	15.7	35.0	64.5	43.0	47.3	26.1A	18.4E	---	---	29
30	---		---	15.1	35.4	61.5	40.4	47.5	31.1A	18.0E	---	---	30
31	---		---		33.7		41.0	44.5		17.7E		---	31
TOTAL	---	---	---	---	934.6	2 248.1	1 423.1	1 893.9	1 045.5	732.9	---	---	TOTAL
MEAN	---	---	---	---	30.1	74.9	45.9	61.1	34.9	23.6	---	---	MEAN
MAX	---	---	---	---	56.2	281	61.9	113	45.5	32.3	---	---	MAX
MIN	---	---	---	---	12.9	25.8	34.4	44.5	26.0	17.7	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.0
MAXIMUM DAILY, 281 ON JUN 8
MINIMUM DAILY, 12.9 ON MAY 5
MAXIMUM INSTANTANEOUS,
346 AT 04:45 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 50 N
LONG 116 34 40 W
DRAINAGE AREA, 2 690 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	123 000
FEB	---	AUG	184 000
MAR	---	SEP	90 300
APR	---	OCT	63 300
MAY	80 700	NOV	---
JUN	194 000	DEC	---

TOTAL DISCHARGE, 715 000 dam³

BREWSTER CREEK NEAR BANFF - STATION NO. 05BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.2388	2.41	2.04	1.65	0.786	1.13	---	---	1
2	---	---	---	---	0.2428	2.28	2.10	1.74	0.732	1.10	---	---	2
3	---	---	---	---	0.2488	2.47	2.73	1.79	0.692	1.03	---	---	3
4	---	---	---	---	0.2708	3.22	2.47	1.60	0.705	0.992	---	---	4
5	---	---	---	---	0.3148	3.34	2.52	1.63	0.667	0.984	---	---	5
6	---	---	---	---	0.4088	5.05	3.28	1.63	0.688	0.934	---	---	6
7	---	---	---	---	0.4708	7.49	3.03	1.39	0.746	0.882	---	---	7
8	---	---	---	---	0.5258	10.6	2.72	1.24	0.678	0.888	---	---	8
9	---	---	---	---	0.5508	8.67	2.58	1.18	0.626	0.842	---	---	9
10	---	---	---	---	1.03	5.89	2.41	1.12	0.841	0.782	---	---	10
11	---	---	---	---	1.20	4.85	2.41	1.05	0.852	0.774	---	---	11
12	---	---	---	---	1.76	3.85	3.38	0.987	0.565	0.780	---	---	12
13	---	---	---	---	2.72	3.41	3.08	0.928	0.538	0.764	---	---	13
14	---	---	---	---	2.72	3.18	2.73	0.836	0.823	0.788	---	---	14
15	---	---	---	---	2.12	3.81	2.45	0.900	0.815	0.788	---	---	15
16	---	---	---	---	2.05	4.67	2.19	0.888	0.848	0.811	---	---	16
17	---	---	---	---	2.84	5.42	1.97	0.837	0.587	0.761	---	---	17
18	---	---	---	---	2.34	5.81	1.82	0.908	0.880	0.707	---	---	18
19	---	---	---	---	1.80	5.02	1.71	0.818	0.587	0.678	---	---	19
20	---	---	---	---	1.68	4.38	1.65	0.880	0.572	0.648	---	---	20
21	---	---	---	---	1.64	3.85	1.62	1.02	0.888	0.841	---	---	21
22	---	---	---	---	1.68	3.71	1.80	0.856	0.648	0.887	---	---	22
23	---	---	---	---	3.83	3.88	1.49	0.885	0.884	0.829	---	---	23
24	---	---	---	---	4.38	4.45	1.35	0.841	0.877	0.888	---	---	24
25	---	---	---	---	3.28	3.83	1.28	0.818	0.878	0.883	---	---	25
26	---	---	---	---	3.31	3.23	1.28	1.17	0.875	0.888	---	---	26
27	---	---	---	0.2288	3.22	3.44	1.26	1.04	0.884	0.8458	---	---	27
28	---	---	---	0.2288	2.84	3.13	1.18	0.868	0.887	0.8188	---	---	28
29	---	---	---	0.2308	2.88	2.70	1.10	0.812	0.887	0.4888	---	---	29
30	---		---	0.2318	2.81	2.38	1.08	0.838	0.888	0.4888	---	---	30
31	---		---		2.83		1.07	0.888		0.474A		---	31
TOTAL	---	---	---	---	57.783	126.06	63.58	34.758	18.511	23.184	---	---	TOTAL
MEAN	---	---	---	---	1.88	4.27	2.05	1.12	0.817	0.747	---	---	MEAN
MAX	---	---	---	---	4.38	10.6	3.38	1.80	0.888	1.13	---	---	MAX
MIN	---	---	---	---	0.238	2.28	1.08	0.818	0.515	0.488	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.77
MAXIMUM DAILY, 10.6 ON JUN 8
MINIMUM DAILY, 0.2388 ON MAY 1
MAXIMUM INSTANTANEOUS,
12.6 AT 04:25 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 55 N
LONG 115 38 55 W
DRAINAGE AREA, 109 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 490
FEB	---	AUG	3 800
MAR	---	SEP	1 800
APR	---	OCT	2 000
MAY	4 880	NOV	---
JUN	11 100	DEC	---

TOTAL DISCHARGE, 28 200 dam³

BROWN CREEK AT FORESTRY ROAD - STATION NO. 08DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.6858	0.466	1.67	0.857	0.717	0.992	0.3838	---	1
2	---	---	---	---	0.6238	0.445	1.22	1.26	0.696	0.800	---	---	2
3	---	---	---	---	0.5828	0.409	1.17	0.863	0.656	0.648	---	---	3
4	---	---	---	---	0.543	0.387	1.31	0.884	0.630	0.705	---	---	4
5	---	---	---	---	0.520	0.438	1.69	0.747	0.611	0.768	---	---	5
6	---	---	---	---	0.840	1.53	3.46	5.21	0.593	0.734	---	---	6
7	---	---	---	---	0.7928	2.19	3.31	5.63	0.615	0.701	---	---	7
8	---	---	---	---	1.07 B	5.19	2.28	3.84	0.608	0.669	---	---	8
9	---	---	---	---	1.13	5.46	1.84	2.77	0.594	0.646	---	---	9
10	---	---	---	---	1.08	5.88	1.64	2.20	0.634	0.681	---	---	10
11	---	---	---	---	0.988	5.09	1.58	1.87	0.887	0.638	---	---	11
12	---	---	---	---	0.804	4.10	1.75	1.64	0.851	0.620	---	---	12
13	---	---	---	---	0.648	3.38	1.49	1.39	0.835	0.615	---	---	13
14	---	---	---	---	0.758	2.81	1.27	1.23	0.748	0.617	---	---	14
15	---	---	---	---	0.695	2.36	1.17	1.39	0.864	0.597	---	---	15
16	---	---	---	---	0.624	2.07	1.02	1.63	1.09	0.582	---	---	16
17	---	---	---	---	0.535	1.81	0.904	2.63	1.44	0.5278	---	---	17
18	---	---	---	---	0.547	1.58	0.897	2.78	1.15	0.4818	---	---	18
19	---	---	---	---	0.483	1.38	0.824	2.16	1.10	0.5188	---	---	19
20	---	---	---	---	0.482	1.26	0.783	2.23	1.09	0.5198	---	---	20
21	---	---	---	---	0.460	1.23	0.887	2.35	1.05	0.506	---	---	21
22	---	---	---	---	0.498	1.12	0.842	1.68	0.890	0.517	---	---	22
23	---	---	---	---	0.498	1.00	0.810	1.55	0.843	0.503	---	---	23
24	---	---	---	---	0.483	0.951	0.688	1.36	1.01	0.486	---	---	24
25	---	---	---	---	0.455	0.850	0.558	1.20	1.04	0.4208	---	---	25
26	---	---	---	0.7178	0.441	0.808	0.511	1.13	0.840	0.4388	---	---	26
27	---	---	---	0.9108	0.433	0.795	0.582	1.11	0.898	0.3808	---	---	27
28	---	---	---	0.9588	0.439	0.775	0.681	1.13	0.838	0.3718	---	---	28
29	---	---	---	0.9308	0.428	1.18	0.576	1.06	0.870	0.3558	---	---	29
30	---		---	0.7978	0.492	2.48	0.532	0.846	1.05	0.4218	---	---	30
31	---		---		0.488		0.498	0.788		0.4378		---	31
TOTAL	---	---	---	---	18.720	88.436	37.721	57.805	28.240	18.228	---	---	TOTAL
MEAN	---	---	---	---	0.836	2.18	1.22	1.86	0.875	0.588	---	---	MEAN
MAX	---	---	---	---	1.13	5.46	3.46	5.63	1.44	0.992	---	---	MAX
MIN	---	---	---	---	0.428	0.387	0.498	0.684	0.593	0.395	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 5.46 ON JUN 9
MINIMUM DAILY, 0.3838 ON OCT 29
MAXIMUM INSTANTANEOUS,
10.9 AT 05:22 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 45 40 N
LONG 115 21 20 W
DRAINAGE AREA, 218 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 280
FEB	---	AUG	4 880
MAR	---	SEP	2 270
APR	---	OCT	1 570
MAY	1 700	NOV	---
JUN	8 850	DEC	---

TOTAL DISCHARGE, 18 400 dam³

BUCHANAN CREEK NEAR MANNING - STATION NO. 07HC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0418	0.088	0.158	0.153	0.052	0	0	0B	---	1
2	---	---	0 B	0.0388	0.096	0.140	0.232	0.048	0	0	0B	---	2
3	---	---	0 B	0.0368	0.084	0.112	0.203	0.043	0	0	---	---	3
4	---	---	0 B	0.0478	0.103	0.107	0.215	0.040	0	0	---	---	4
5	---	---	0 B	0.0538	0.072	0.082	0.216	0.032	0	0	---	---	5
6	---	---	0 B	0.0488	0.078	0.087	0.188	0.027	0	0	---	---	6
7	---	---	0 B	0.0528	0.114	0.120	0.183	0.020	0	0	---	---	7
8	---	---	0 B	0.1868	0.086	0.182	0.207	0.014	0	0	---	---	8
9	---	---	0 B	0.2438	0.112	0.222	0.184	0.011	0	0	---	---	9
10	---	---	0 B	0.3268	0.118	0.285	0.199	0.008	0	0	---	---	10
11	---	---	0 B	0.375	0.088	0.370	0.112	0.008	0	0	---	---	11
12	---	---	0 B	0.387	0.088	0.572	0.088	0.008	0	0	---	---	12
13	---	---	0 B	0.368	0.114	0.370	0.104	0.008	0	0	---	---	13
14	---	---	0.0548	0.358	0.122	0.284	0.200	0.008	0	0	---	---	14
15	---	---	0.0808	0.518	0.166	0.242	0.298	0.008	0	0	---	---	15
16	---	---	0.0408	0.517	0.243	0.189	0.335	0.008	0	0	---	---	16
17	---	---	0.0318	0.480	0.280	0.172	0.244	0.007	0	0	---	---	17
18	---	---	0.0138	0.410	0.220	0.208	0.178	0.008	0	0	---	---	18
19	---	---	0.0088	0.378	0.177	0.271	0.145	0.008	0	0	---	---	19
20	---	---	0.0048	0.384	0.174	0.210	0.121	0.004	0	0	---	---	20
21	---	---	0.0028	0.268	0.187	0.174	0.089	0.003	0	0B	---	---	21
22	---	---	0.0018	0.301	0.200	0.126	0.081	0.002	0	0B	---	---	22
23	---	---	0.0028	0.185	0.228	0.100	0.073	0.001	0	0B	---	---	23
24	---	---	0.0038	0.111	0.193	0.085	0.064	0	0	0B	---	---	24
25	---	---	0.0058	0.088	0.208	0.080	0.057	0	0	0B	---	---	25
26	---	---	0.0088	0.084	0.208	0.073	0.084	0	0	0B	---	---	26
27	---	---	0.0118	0.111	0.191	0.072	0.085	0	0	0B	---	---	27
28	---	---	0.0118	0.105	0.208	0.072	0.084	0	0	0B	---	---	28
29	---	---	0.0128	0.110	0.245	0.076	0.083	0	0	0B	---	---	29
30	---		0.0178	0.109	0.213	0.077	0.081	0	0	0B	---	---	30
31	---		0.0318		0.180		0.083	0		0B		---	31
TOTAL	---	---	0.303	6.710	6.873	5.368	4.483	0.371	0	0	---	---	TOTAL
MEAN	---	---	0.010	0.224	0.157	0.179	0.145	0.012	0	0	---	---	MEAN
MAX	---	---	0.054	0.517	0.280	0.572	0.335	0.052	0	0	---	---	MAX
MIN	---	---	0	0.035	0.072	0.072	0.081	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.090
MAXIMUM DAILY, 0.572 ON JUN 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.610 AT 05:30 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 42 N
LONG 117 29 18 W
DRAINAGE AREA, 232 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	387
FEB	---	AUG	33.1
MAR	36.3	SEP	0
APR	580	OCT	0
MAY	421	NOV	---
JUN	483	DEC	---

TOTAL DISCHARGE, 1 910 dam³

BUFFALO CREEK AT HIGHWAY NO. 41 - STATION NO. 05FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1168	0.4338	0.196	0.106	0.722	0.017	0.018	0.116	---	---	1
2	---	---	0.0688	0.5678	0.162	0.088	0.781	0.017	0.021	0.086	---	---	2
3	---	---	0.0618	0.7268	0.158	0.088	0.388	0.018	0.032	0.094	---	---	3
4	---	---	0.0238	0.9718	0.161	0.078	0.317	0.011	0.030	0.082	---	---	4
5	---	---	0.0638	1.33 B	0.151	0.068	0.288	0.007	0.030	0.082	---	---	5
6	---	---	0.1248	1.08 B	0.187	0.087	0.373	0.020	0.031	0.082	---	---	6
7	---	---	0.1888	0.8438	0.180	0.081	0.388	0.048	0.031	0.088	---	---	7
8	---	---	0.1948	0.606	0.146	0.088	0.421	0.068	0.032	0.088	---	---	8
9	---	---	0.2448	0.407	0.151	0.109	0.825	0.084	0.032	0.091	---	---	9
10	---	---	0.3388	0.402	0.148	0.142	0.437	0.088	0.038	0.090	---	---	10
11	---	---	0.3648	0.348	0.186	0.154	0.281	0.071	0.044	0.089	---	---	11
12	---	---	0.3448	0.311	0.187	0.143	0.198	0.068	0.048	0.086	---	---	12
13	---	---	0.3188	0.282	0.184	0.140	0.124	0.038	0.048	0.093	---	---	13
14	---	---	0.3108	0.270	0.148	0.138	0.103	0.024	0.085	0.087	---	---	14
15	---	---	0.2958	0.278	0.148	0.147	0.107	0.032	0.083	0.092	---	---	15
16	---	---	0.2718	0.284	0.141	0.118	0.125	0.042	0.082	0.094	---	---	16
17	---	---	0.2338	0.279	0.144	0.109	0.118	0.044	0.070	0.101	---	---	17
18	---	---	0.2188	0.278	0.153	0.120	0.130	0.041	0.084	0.109	---	---	18
19	---	---	0.2078	0.266	0.145	0.118	0.148	0.048	0.090	0.103	---	---	19
20	---	---	0.2058	0.320	0.139	0.126	0.143	0.092	0.087	0.106	---	---	20
21	---	---	0.2028	0.298	0.130	0.110	0.116	0.128	0.090	0.086	---	---	21
22	---	---	0.1628	0.278	0.112	0.119	0.087	0.083	0.092	0.083	---	---	22
23	---	0.0018	0.1558	0.278	0.100	0.101	0.048	0.085	0.083	0.092	---	---	23
24	---	0.0018	0.1358	0.277	0.097	0.118	0.083	0.083	0.085	0.092	---	---	24
25	---	0.0038	0.1748	0.262	0.092	0.156	0.058	0.085	0.089	0.090	---	---	25
26	---	0.0078	0.1648	0.242	0.086	0.184	0.085	0.038	0.086	0.092	---	---	26
27	---	0.0188	0.2658	0.237	0.082	0.218	0.048	0.036	0.104	0.087	---	---	27
28	---	0.0288	0.1638	0.222	0.102	0.225	0.035	0.037	0.113	0.083	---	---	28
29	---	0.1488	0.2368	0.213	0.116	0.325	0.031	0.037	0.114	0.075	---	---	29
30	---		0.2108	0.203	0.106	0.480	0.028	0.024	0.110	0.075	---	---	30
31	---		0.2378		0.108		0.022	0.018		0.074A		---	31
TOTAL	---	---	5.317	12.461	4.237	4.269	5.658	1.435	1.820	2.826	---	---	TOTAL
MEAN	---	---	0.204	0.413	0.137	0.143	0.215	0.046	0.064	0.091	---	---	MEAN
MAX	---	---	0.364	1.33	0.196	0.480	0.781	0.128	0.114	0.116	---	---	MAX
MIN	---	---	0.023	0.203	0.082	0.087	0.022	0.007	0.018	0.074	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.184
MAXIMUM DAILY, 1.33B ON APR 5
MINIMUM DAILY, 0.007 ON AUG 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 53 00 28 N
LONG 110 51 57 W
DRAINAGE AREA, 714 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	575
FEB	---	AUG	124
MAR	548	SEP	188
APR	1 070	OCT	244
MAY	388	NOV	---
JUN	371	DEC	---

TOTAL DISCHARGE, 3 460 dam³

BUFFALO LAKE NEAR ERSKINE - STATION NO. 05CD005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	780.008	---	778.934	778.900	---	778.848	---	1
2	---	---	---	---	---	780.018	---	778.942	778.898	---	---	---	2
3	---	---	---	---	---	780.001	778.880	778.928	---	778.878	---	---	3
4	---	---	---	---	---	---	---	778.928	778.878	778.878	---	---	4
5	---	---	---	---	---	780.011	778.884	778.928	---	778.884	---	---	5
6	---	---	---	---	---	780.011	780.000	---	778.878	---	---	---	6
7	---	---	---	---	---	780.010	780.008	778.928	---	778.878	---	---	7
8	---	---	---	---	780.150	---	780.004	778.924	778.880	---	---	---	8
9	---	---	---	---	---	780.021	778.894	778.921	778.886	778.878	---	---	9
10	---	---	---	---	---	---	---	778.917	---	---	---	---	10
11	---	---	---	780.140	780.098	780.034	778.884	---	778.878	778.877	---	---	11
12	---	---	---	---	780.088	780.038	---	778.913	778.878	778.878	---	---	12
13	---	---	---	---	780.088	780.022	778.888	778.913	778.871	---	---	---	13
14	---	---	---	---	780.130	780.030	778.887	---	---	778.875	---	---	14
15	---	---	---	---	780.090	---	---	---	---	---	---	---	15
16	---	---	---	---	780.088	780.013	778.878	778.927	778.887	778.888	---	---	16
17	---	---	---	---	780.078	780.030	778.873	---	778.881	778.887	---	---	17
18	---	---	---	---	780.088	---	778.871	778.947	---	---	---	---	18
19	---	---	---	---	780.070	780.014	778.888	778.930	778.880	778.888	---	---	19
20	---	---	---	---	---	---	778.884	778.937	778.880	---	---	---	20
21	---	---	---	---	780.082	778.890	778.888	---	---	778.884	---	---	21
22	---	---	780.038	---	780.042	---	---	778.947	778.885	778.883	---	---	22
23	---	---	---	---	780.040	778.888	778.851	---	---	---	---	---	23
24	---	778.832	---	---	780.030	780.008	778.848	778.927	778.880	778.888	---	---	24
25	---	---	---	---	780.040	780.000	778.844	---	778.885	---	---	---	25
26	---	---	---	---	780.030	---	778.847	778.928	---	778.888	---	---	26
27	---	---	---	---	---	778.888	---	---	---	---	---	---	27
28	---	---	---	---	780.028	---	778.843	778.918	778.884	778.888	---	---	28
29	---	---	---	---	780.021	778.880	778.838	778.907	778.888	---	---	---	29
30	---		---	---	---	778.884	---	778.907	778.884	778.884	---	---	30
31	---		---		780.018		778.837	778.903		778.884		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT. 52 27 53 N
LONG 112 52 57 W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 1 570 km²

BULLPOUND CREEK NEAR THE MOUTH - STATION NO. 05CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0.002	0	---	1
2	---	---	0	0	0	0	0	0	0	0.002	0A	---	2
3	---	---	0	0	0	0	0	0	0	0.002	---	---	3
4	---	---	0	0	0	0	0	0	0	0.002	---	---	4
5	---	---	0	0	0	0	0	0	0	0.002	---	---	5
6	---	---	0	0	0	0	0	0	0	0.002	---	---	6
7	---	---	0	0	0	0	0	0	0	0.002	---	---	7
8	---	---	0	0	0	0	0	0	0	0.002	---	---	8
9	---	---	0	0	0	0	0	0	0	0.002	---	---	9
10	---	---	0	0	0	0	0	0	0	0.002	---	---	10
11	---	---	0	0	0	0	0	E	0	0.002	---	---	11
12	---	---	0	0	0	0	0	E	0	0.002	---	---	12
13	---	---	0	0	0	0	0	E	0	0.002	---	---	13
14	---	---	0	0	0	0	0	E	0	0.002	---	---	14
15	---	0A	0	0	0	0	0	0A	0	0.002	---	---	15
16	---	0	0	0	0	0	0	0E	0	0.002	---	---	16
17	---	0	0	0	0	0	0	0A	0	0.002	---	---	17
18	---	0	0	0	0	0	0	0	0	0.002	---	---	18
19	---	0	0	0	0	0	0	0	0	0.002	---	---	19
20	---	0	0	0	0	0	0	0	0	0.001	---	---	20
21	---	0	0	0	0	0	0	E	0	0.001	---	---	21
22	---	0	0	0	0	0	0	E	0	0.001	---	---	22
23	---	0	0	0	0	0	0	E	0	0.001	---	---	23
24	---	0	0	0	0	0	0	E	0	0.001	---	---	24
25	---	0	0	0	0	0	0	E	0	0.001	---	---	25
26	---	0	0	0	0	0	0	E	0	0	---	---	26
27	---	0	0	0	0	0	0	E	0.033	0	---	---	27
28	---	0	0	0	0	0	0	E	0.107	0	---	---	28
29	---	0	0	0	0	0	0	E	0.048	0	---	---	29
30	---		0	0	0	0	0	E	0.007	0	---	---	30
31	---		0		0		0	E		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0.196	0.044	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	E	0.007	E.001	---	---	MEAN
MAX	---	---	0	0	0	0	0	E	0.107	0.002	---	---	MAX
MIN	---	---	0	0	0	0	0	E	0	E	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.107 ON SEP 28
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.135 AT 08:43 MST ON SEP 28

REMARKS - STATION WAS MOVED 200 m DOWNSTREAM IN AUG 88

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 58 N
LONG 111 05 44 W
DRAINAGE AREA, 1 470 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	16.8
APR	0	OCT	3.80
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 20.7 dam³

BULLPOUND CREEK NEAR WATTS - STATION NO. 05CC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0A	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	0B	0	0	0	0	0	0	0	0	---	---	16
17	---	0B	0	0	0	0	0	0	0	0	---	---	17
18	---	0B	0	0	0	0	0	0	0	0	---	---	18
19	---	0B	0	0	0	0	0	0	0	0	---	---	19
20	---	0B	0	0	0	0	0	0	0	0	---	---	20
21	---	0B	0	0	0	0	0	0	0	0	---	---	21
22	---	0B	0	0	0	0	0	0	0	0	---	---	22
23	---	0B	0	0	0	0	0	0	0	0	---	---	23
24	---	0B	0	0	0	0	0	0	0	0	---	---	24
25	---	0B	0	0	0	0	0	0	0	0	---	---	25
26	---	0B	0	0	0	0	0	0	0	0	---	---	26
27	---	0B	0	0	0	0	0	0	0	0	---	---	27
28	---	0B	0	0	0	0	0	0	0	0	---	---	28
29	---	0B	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 43 N
LONG 112 08 00 W
DRAINAGE AREA, 197 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

CADOTTE RIVER AT OUTLET CADOTTE LAKE - STATION NO. 07HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.282E	0.184	1.07	1.40E	2.81	3.07	0.023E	0.012	0.031	---	1
2	---	---	0.280E	0.206	1.28	1.38E	2.85	3.04	0.021E	0.013	0.033	---	2
3	---	---	0.282A	0.414	1.38	1.40E	2.56	2.85	0.018E	0.013	0.033	---	3
4	---	---	0.271	0.564	1.34	1.38E	2.86	2.36	0.015E	0.012	0.034A	---	4
5	---	---	0.310	0.591	1.27	1.40E	2.87	1.79	0.013E	0.012	---	---	5
6	---	---	0.278	0.560	1.18	1.45E	3.10	1.74	0.012E	0.012	---	---	6
7	---	---	0.276	0.577	1.20	1.65E	4.06	1.68 A	0.010E	0.012	---	---	7
8	---	---	0.248	0.571	1.05	1.70E	4.84	1.50 E	0.008E	0.012	---	---	8
9	---	---	0.245	0.573	1.19	1.80E	5.38	1.38 E	0.006E	0.012	---	---	9
10	---	---	0.285	0.586	1.07	2.10E	5.80	1.29 E	0.006E	0.012	---	---	10
11	---	---	0.260	0.620	0.983	2.30E	5.60	1.23 A	0.008E	0.013	---	---	11
12	---	---	0.282A	0.648	1.01	3.10E	5.23	1.22	0.008E	0.013	---	---	12
13	---	---	0.288E	0.675	0.902	3.68E	5.68	1.03	0.010E	0.013	---	---	13
14	---	---	0.261E	0.718	0.932	3.72E	5.76	0.887	0.010E	0.013	---	---	14
15	---	---	0.240E	0.745	1.26	3.70E	5.77	0.840	0.010E	0.013	---	---	15
16	---	---	0.223E	0.783	1.41	3.62E	5.66	0.789	0.010E	0.013	---	---	16
17	---	---	0.204E	0.820	1.35 A	3.52E	5.51	0.689	0.010E	0.013	---	---	17
18	---	---	0.186A	0.856	1.48 E	3.30E	5.36	0.608	0.010E	0.014	---	---	18
19	---	---	0.212	0.902	1.78 E	3.10E	5.46	0.606	0.010E	0.014	---	---	19
20	---	---	0.218	0.989	1.80 E	3.08E	5.59	0.606	0.010E	0.014	---	---	20
21	---	---	0.231	0.938	1.78 E	3.02E	5.24	0.394	0.010E	0.018	---	---	21
22	---	---	0.300	0.942	1.70 E	2.83E	5.09	0.318	0.011E	0.018	---	---	22
23	---	---	0.282	0.954	1.63 E	2.88E	5.59	0.216	0.011E	0.021	---	---	23
24	---	---	0.250	0.985	1.58 E	2.67A	5.95	0.105	0.011E	0.021	---	---	24
25	---	---	0.238	0.944	1.52 E	2.72	5.36	0.088	0.011E	0.024	---	---	25
26	---	---	0.224	0.930	1.48 E	2.90	4.80	0.084A	0.011E	0.022	---	---	26
27	---	---	0.232	0.865	1.53 E	3.26	4.34	0.048E	0.013E	0.026	---	---	27
28	---	---	0.244	0.877	1.55 E	3.33	4.15	0.040E	0.012E	0.026	---	---	28
29	---	---	0.216	0.857	1.53 E	3.70	4.09	0.038E	0.013A	0.027	---	---	29
30	---		0.184	0.984	1.47 E	2.84	3.87	0.030E	0.010	0.026	---	---	30
31	---		0.178		1.43 E		3.17	0.028E		0.030		---	31
TOTAL	---	---	7.817	21.874	42.087	74.86	157.38	30.119	0.346	0.617	---	---	TOTAL
MEAN	---	---	0.252	0.732	1.36	2.50	5.08	0.972	0.012	0.017	---	---	MEAN
MAX	---	---	0.321	0.985	1.80	3.72	5.80	3.07	0.023	0.030	---	---	MAX
MIN	---	---	0.184	0.184	0.902	1.38	2.56	0.028	0.006	0.012	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.37
MAXIMUM DAILY, 5.80 ON JUL 10
MINIMUM DAILY, 0.006E ON SEP 8
MAXIMUM INSTANTANEOUS,
7.75 AT 18:00 MST ON JUL 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 29 12 N
LONG 116 25 56 W
DRAINAGE AREA, 881 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	13 800
FEB	---	AUG	2 800
MAR	675	SEP	28.8
APR	1 900	OCT	44.7
MAY	3 640	NOV	---
JUN	6 470	DEC	---

TOTAL DISCHARGE, 28 000 dam³

CAIRN HILL SPILLWAY NEAR THE MOUTH - STATION NO. 05BM012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.040	0.057	0.606	0.493	0.100E	0.071	---	---	1
2	---	---	---	---	0.038	0.071	0.752	1.22	0.095E	0.059	---	---	2
3	---	---	---	---	0.038	0.057	0.315	0.933	0.080	0.047	---	---	3
4	---	---	---	---	0.041	0.063	0.263	0.411A	0.065	0.043	---	---	4
5	---	---	---	---	0.043	0.119	0.270	0.284A	0.074	0.172	---	---	5
6	---	---	---	---	0.050	0.177	0.347	0.224	0.076	0.455	---	---	6
7	---	---	---	---	0.076	0.205	0.286	0.201	0.068	0.164	---	---	7
8	---	---	---	---	0.068	0.224	0.257	0.180	0.065	0.084	---	---	8
9	---	---	---	---	0.058	0.726	0.237	0.176	0.065	0.036	---	---	9
10	---	---	---	---	0.061	0.988	0.211	0.172	0.060	0.026	---	---	10
11	---	---	---	---	0.081	0.700	0.172	0.271	0.070	0.021	---	---	11
12	---	---	---	---	0.068	0.288	0.148	0.276	0.063	0.018	---	---	12
13	---	---	---	---	0.142	0.258	0.148	0.236	0.068	0.015	---	---	13
14	---	---	---	---	0.188	0.188	0.146	0.191	0.068	0.013	---	---	14
15	---	---	---	---	0.137A	0.177	0.161	0.189	0.068	0.011	---	---	15
16	---	---	---	---	0.127	0.148	0.180	0.185	0.061	0.010	---	---	16
17	---	---	---	---	0.134	0.126	0.170	0.180	0.063	0.009	---	---	17
18	---	---	---	---	0.117	0.133	0.110	0.161	0.110	0.009	---	---	18
19	---	---	---	---	0.141	0.190	0.128	0.158	0.117	0.009	---	---	19
20	---	---	---	---	0.184	0.219	0.143	0.177	0.128	0.009	---	---	20
21	---	---	---	0.018A	0.128	0.250	0.102	0.318	0.113	0.008	---	---	21
22	---	---	---	0.018	0.109	0.162	0.122	0.276	0.108	0.008	---	---	22
23	---	---	---	0.014	0.070	0.137	0.153	0.211	0.088	0.007	---	---	23
24	---	---	---	0.018	0.052	0.120	0.178	0.132	0.088	0.007	---	---	24
25	---	---	---	0.018	0.156	0.092	0.177	0.110	0.088	0.007	---	---	25
26	---	---	---	0.018	0.204	0.151	0.136	0.101	0.108	0.008	---	---	26
27	---	---	---	0.018	0.181	0.133	0.134	0.095E	0.100	0.008	---	---	27
28	---	---	---	0.031	0.128	0.193	0.126	0.090E	0.093	0.008	---	---	28
29	---	---	---	0.053	0.186	0.283	0.113	0.085E	0.088	0.008	---	---	29
30	---		---	0.044	0.112	0.580	0.111	0.100E	0.078	0.010	---	---	30
31	---		---		0.114		0.101	0.110E		0.013A		---	31
TOTAL	---	---	---	---	3.221	7.303	6.687	7.696	2.569	1.383	---	---	TOTAL
MEAN	---	---	---	---	0.104	0.243	0.216	0.255	0.088	0.044	---	---	MEAN
MAX	---	---	---	---	0.204	0.988	0.606	1.22	0.128	0.455	---	---	MAX
MIN	---	---	---	---	0.038	0.057	0.101	0.090	0.063	0.007	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.156
MAXIMUM DAILY, 1.22 ON AUG 2
MINIMUM DAILY, 0.007 ON OCT 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 30 N
LONG 113 21 05 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	574
FEB	---	AUG	662
MAR	---	SEP	232
APR	---	OCT	117
MAY	278	NOV	---
JUN	631	DEC	---

TOTAL DISCHARGE, 2 510 dam³

CALLING LAKE AT RANGER STATION - STATION NO. 07CB001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	593.738	593.887	594.086	594.238	594.133E	593.874	593.878	---	1
2	---	---	---	---	593.738	593.887	594.076	594.268	594.123	593.874	---	---	2
3	---	---	---	---	593.728	593.892	594.076	594.235	594.133	593.884	---	---	3
4	---	---	---	---	593.748	593.827	594.086	594.235	594.123	593.884	---	---	4
5	---	---	---	---	593.748	593.927	594.076	594.238E	594.123	593.884	---	---	5
6	---	---	---	---	593.748	593.927	594.106	594.226	594.118	593.844	---	---	6
7	---	---	---	---	593.748	593.917	594.106E	594.220E	594.123	593.884	---	---	7
8	---	---	---	---	593.748	593.937	594.116	594.214	594.106	593.865	---	---	8
9	---	---	---	---	593.758	593.937	594.126	594.224	594.093	593.885	---	---	9
10	---	---	---	---	593.768	593.937	594.126	594.214	594.083	593.865	---	---	10
11	---	---	---	---	593.758	593.957	594.126	594.194	594.083	593.926	---	---	11
12	---	---	---	---	593.758	593.986	594.136	594.204	594.076	593.926	---	---	12
13	---	---	---	---	593.758	593.966	594.161E	594.204	594.073	593.926	---	---	13
14	---	---	---	---	593.758	593.986	594.186	594.204	594.083	593.916	---	---	14
15	---	---	---	---	593.768	594.006	594.186	594.194	594.083	593.886	---	---	15
16	---	---	---	---	593.817	594.016	594.188E	594.184	594.034	593.926	---	---	16
17	---	---	---	---	593.817	594.026	594.185E	594.174	594.043	593.945	---	---	17
18	---	---	---	---	593.827	594.026	594.196	594.174	594.023	593.945	---	---	18
19	---	---	---	---	593.827	594.036	594.225	594.184	594.033	593.916	---	---	19
20	---	---	---	593.552	593.837	594.036	594.235	594.194	594.034	593.936	---	---	20
21	---	---	---	---	593.827	594.026	594.285	594.194	594.016	593.906	---	---	21
22	---	---	---	---	593.827	594.026	594.285E	594.194	594.025	593.906E	---	---	22
23	---	---	---	---	593.827	594.036	594.285E	594.184	594.005	593.906	---	---	23
24	---	---	---	---	593.827	594.036	594.265	594.174	594.004	593.896	---	---	24
25	---	---	---	---	593.837	594.046	594.276	594.174	594.004	593.886	---	---	25
26	---	---	---	---	593.827	594.046	594.265	594.174	593.994	593.935	---	---	26
27	---	---	---	---	593.827	594.056	594.255	594.164	593.994	593.867E	---	---	27
28	---	---	---	---	593.827	594.046	594.255	594.163	593.984	593.867E	---	---	28
29	---	593.764	---	---	593.827	594.056	594.245	594.143	593.995	593.867E	---	---	29
30	---	---	---	---	593.827	594.056	594.245	594.143	593.995	593.867	---	---	30
31	---		---		593.837		594.245	594.133E		593.867		---	31
MEAN	---	---	---	---	593.793	593.980	594.182	594.185	594.056	593.928	---	---	MEAN
MAX	---	---	---	---	593.837	594.056	594.285	594.255	594.133	593.974	---	---	MAX
MIN	---	---	---	---	593.728	593.887	594.076	594.133	593.984	593.867	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 594.285 ON JUL 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 13 35 N
LONG 113 12 06 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
1 220 km²

CANADIAN ST. MARY CANAL AT DROP NO. 1 - STATION NO. 05AF028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	64.2	72.6	63.3	42.3	31.7	18.8	0E	---	1
2	---	---	---	0	65.9	72.5	66.2	41.1	31.7	18.5	0E	---	2
3	---	---	---	0.453	66.3	71.0	66.5	36.9	31.6	18.4	0E	---	3
4	---	---	---	13.8	66.7	71.1	66.1	28.4	31.4	17.9	0E	---	4
5	---	---	---	16.2	67.0	71.0	66.9	26.1	31.3	17.7	0E	---	5
6	---	---	---	16.4	67.2	71.2	70.7	26.7	31.0	17.6	0E	---	6
7	---	---	---	16.1	67.6	70.3	70.7	27.7	30.9	17.1	0E	---	7
8	---	---	---	28.4	67.9	69.2	70.9	27.6	29.9	17.2	0E	---	8
9	---	---	---	31.6	67.9	61.3	71.6	27.5	24.2	16.9	0E	---	9
10	---	---	---	36.2	68.2	69.1	73.0	27.6	23.2	4.27	0E	---	10
11	---	---	---	37.1	66.4	68.0	76.2	27.5	23.5	0.682	0E	---	11
12	---	---	---	36.4	66.3	67.7	77.7	27.9	23.2	0.134	0E	---	12
13	---	---	---	37.9	66.6	67.7	77.6	28.7	23.2	0.020	0E	---	13
14	---	---	---	37.1	66.5	67.7	77.4	28.8	23.3	0	0E	---	14
15	---	---	---	37.2	66.3	68.1	77.2	28.9	23.1	0	0E	---	15
16	---	---	---	38.2	67.3	60.3	77.2	30.3	23.2	0	0E	---	16
17	---	---	---	40.1	68.7	62.3	77.3	30.6	23.3	0 A	0E	---	17
18	---	---	---	40.5	66.3	63.5	77.5	30.3	23.4	0 E	0E	---	18
19	---	---	---	42.5	67.7	66.7	77.5	30.6	23.4	0 E	0E	---	19
20	---	---	---	42.5	66.9	67.3	77.6	30.5	23.4	0 E	0E	---	20
21	---	---	---	45.1	66.1	70.3	77.4	30.6	23.2	0 E	0E	---	21
22	---	---	---	47.4	69.9	75.7	77.1	30.9	23.4	0 E	0E	---	22
23	---	---	---	49.9	71.6	75.9	77.1	30.9	23.3	0 E	0E	---	23
24	---	---	---	51.4	71.7	75.1	76.9	31.0	23.4	0 E	0E	---	24
25	---	---	---	53.6	72.0	75.1	76.5	31.2	23.1	0 E	0E	---	25
26	---	---	---	54.4	72.0	75.1	76.3	31.2	23.2	0 E	0E	---	26
27	---	---	---	55.6	72.0	75.9	74.5	31.4	23.0	0 E	0E	---	27
28	---	---	---	60.3	72.0	77.4	64.2	31.5	22.7	0 E	0E	---	28
29	---	---	0A	61.4	71.6	68.1	53.1	31.4	19.6	0 E	0E	---	29
30	---		0	63.4	71.9	61.9	47.4	31.6	19.1	0 E	0E	---	30
31	---		0		70.2		43.4	31.7		0 E		---	31
TOTAL	---	---	---	1 097.353	2 132.7	2 027.3	2 303.1	948.3	763.0	184.185	0	---	TOTAL
MEAN	---	---	---	36.8	68.8	67.6	71.1	30.6	25.1	5.30	0	---	MEAN
MAX	---	---	---	63.4	72.0	77.4	77.6	42.3	31.7	18.8	0	---	MAX
MIN	---	---	---	0	64.2	57.7	43.4	26.1	19.1	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS APR TO NOV

MEAN, 38.2
MAXIMUM DAILY, 77.6 ON JUL 13
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 06 N
LONG 112 41 53 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	190 000
FEB	---	AUG	82 000
MAR	---	SEP	66 100
APR	94 800	OCT	14 200
MAY	184 000	NOV	0
JUN	176 000	DEC	---

TOTAL DISCHARGE, 808 000 dam³

CANADIAN ST. MARY CANAL NEAR SPRING COULEE - STATION NO. 05AE026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	85.2	84.8A	80.4	52.7	28.3	2.11	0A	---	1
2	---	---	---	0	85.2	84.7	80.5	47.2	25.5	0.859	0E	---	2
3	---	---	---	0	85.0	84.2	80.3	39.7	25.1	0.083	0E	---	3
4	---	---	---	0	85.4	83.5	80.5	31.3	24.7	0 A	0E	---	4
5	---	---	---	0	84.8	83.3	80.6	28.2	24.2	0 E	0E	---	5
6	---	---	---	0	84.2	83.5	80.4	28.0	24.7	0 E	0E	---	6
7	---	---	---	0	83.8	83.5	80.5	28.2	24.8	0 E	0E	---	7
8	---	---	---	0	83.8	83.3	81.3	28.4	24.1	0 E	0E	---	8
9	---	---	---	0	83.6	81.8	81.0	28.4	24.0	0 E	0E	---	9
10	---	---	---	0	83.6	81.4	80.8	28.4	24.3	0 E	0E	---	10
11	---	---	---	0	83.6	81.8	80.2	28.5	23.8	0 E	0E	---	11
12	---	---	---	0	84.8	81.6	80.0	28.7	23.4	0 E	0E	---	12
13	---	---	---	0	85.2	81.7	81.0	28.5	23.8	0 E	0E	---	13
14	---	---	---	0	84.1	81.5	80.6	28.4	23.7	0 E	0E	---	14
15	---	---	---	0.043	84.7	81.8	80.6	30.7	23.1	0 E	0E	---	15
16	---	---	---	13.8	84.8	81.8	80.7	43.3	23.1	0 E	0E	---	16
17	---	---	---	24.8	84.2A	81.5	80.2	47.5	22.8	0 A	0E	---	17
18	---	---	---	41.8 A	84.2E	81.3	80.3	46.9	22.0	0	0E	---	18
19	---	---	---	71.0 E	84.2E	81.4	80.6	46.7	22.8	0	0E	---	19
20	---	---	---	87.0 E	83.3E	81.1	77.8	46.6	22.4	0	0E	---	20
21	---	---	---	87.0 E	82.8E	81.2	75.8	44.7	22.1	0	0E	---	21
22	---	---	---	87.1 A	82.8E	82.4	76.6	46.3	21.8	0	0E	---	22
23	---	---	---	86.8	82.1E	83.2	76.4	46.7	18.4	0	0E	---	23
24	---	---	---	86.8	83.4A	83.8	76.8	46.1	13.8	0	0E	---	24
25	---	---	---	86.4	83.7E	84.1	75.6	45.3	11.3	0	0E	---	25
26	---	---	---	86.3	83.4E	83.2	76.6	46.6	8.83	0	0E	---	26
27	---	---	---	86.4	83.7A	83.2	73.2	46.6	7.02	0	0E	---	27
28	---	---	0A	86.6	84.3A	83.2	61.7	46.1	5.71	0	0E	---	28
29	---	---	0	86.1	83.8E	81.3	55.8	45.8	4.84	0	0E	---	29
30	---		0	85.8	83.8E	80.2	56.4	45.6	3.83	0	0E	---	30
31	---		0		84.0E		55.9	40.6		0		---	31
TOTAL	---	---	---	1 112.743	2 604.9	2 474.6	2 388.6	1 209.6	599.83	3.052	0	---	TOTAL
MEAN	---	---	---	37.1	84.0	82.5	76.4	39.0	20.0	0.098	0	---	MEAN
MAX	---	---	---	87.1	85.8	84.7	81.3	52.7	28.3	2.11	0	---	MAX
MIN	---	---	---	0	82.1	80.2	55.9	28.0	3.83	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.6
MAXIMUM DAILY, 87.1A ON APR 22
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 39 N
LONG 113 02 35 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	305 000
FEB	---	AUG	105 000
MAR	---	SEP	51 800
APR	88 100	OCT	284
MAY	225 000	NOV	0
JUN	214 000	DEC	---

TOTAL DISCHARGE, 887 000 dam³

CARDINAL RIVER NEAR THE MOUTH - STATION NO. 08DD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.83B	2.02	3.68	3.17	3.68	4.07E	2.60B	---	1
2	---	---	---	---	1.82B	2.03	3.48	4.84	3.75	3.95E	---	---	2
3	---	---	---	---	1.81	1.94	3.31	4.81	3.82	3.80E	---	---	3
4	---	---	---	---	1.81	1.94	3.82	5.03	3.84	3.70E	---	---	4
5	---	---	---	---	1.42	2.20	4.82	6.31	3.37	3.81E	---	---	5
6	---	---	---	---	1.48	4.78	8.84	10.8	3.33	3.48E	---	---	6
7	---	---	---	---	1.80	10.3	8.37	13.8	3.81	3.44E	---	---	7
8	---	---	---	---	3.17	20.1	4.82	6.82	3.30	3.20E	---	---	8
9	---	---	---	---	3.73	15.8	4.30	6.68	3.27	3.18E	---	---	9
10	---	---	---	---	4.47	10.5	4.03	6.00	3.85	3.14E	---	---	10
11	---	---	---	---	4.36	8.87	4.43	6.38	3.86	3.08E	---	---	11
12	---	---	---	---	4.88	8.87	4.30	5.87	4.14	2.92A	---	---	12
13	---	---	---	---	4.85	5.88	3.79	4.72	4.07	2.88	---	---	13
14	---	---	---	---	4.15	5.28	3.81	4.62	4.02	2.88	---	---	14
15	---	---	---	---	3.30	4.85	3.30	5.02	2.88	2.88	---	---	15
16	---	---	---	---	2.87	5.01	3.30	7.84	5.01	2.75	---	---	16
17	---	---	---	---	3.20	4.61	3.08	8.86	4.88	2.89	---	---	17
18	---	---	---	---	2.84	4.48	3.08	6.38	4.48	2.49	---	---	18
19	---	---	---	---	2.32	4.14	2.98	7.00	4.85	2.81	---	---	19
20	---	---	---	---	2.23	3.85	2.88	8.71	4.38A	2.88	---	---	20
21	---	---	---	---	2.18	3.83	2.87	7.23	4.05E	2.83	---	---	21
22	---	---	---	---	2.30	3.88	2.84	5.40	3.85E	2.81	---	---	22
23	---	---	---	---	2.45	3.85	2.48	5.87	3.71E	2.48	---	---	23
24	---	---	---	---	2.41	3.45	2.41	5.20	3.88E	2.43	---	---	24
25	---	---	---	---	2.15	3.30	2.37	4.89	3.58E	2.36B	---	---	25
26	---	---	---	---	2.17	3.23	2.12	4.89	3.48E	2.43B	---	---	26
27	---	---	---	2.34B	2.07	3.25	2.13	4.84	3.31E	1.83B	---	---	27
28	---	---	---	2.54B	1.89	3.22	2.16	4.38	3.23E	2.26B	---	---	28
29	---	---	---	2.40B	2.00	3.94	2.11	4.33	3.25E	2.03B	---	---	29
30	---		---	2.21B	2.11	4.04	2.11	4.13	3.88E	2.82B	---	---	30
31	---		---		2.03		2.05	3.88		3.04B		---	31
TOTAL	---	---	---	---	80.86	171.81	105.84	188.76	114.76	89.81	---	---	TOTAL
MEAN	---	---	---	---	2.80	5.72	3.40	6.41	3.83	2.83	---	---	MEAN
MAX	---	---	---	---	4.85	20.1	8.84	13.8	5.01	4.02	---	---	MAX
MIN	---	---	---	---	1.42	1.94	2.05	3.17	3.23	1.83	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.14
MAXIMUM DAILY, 20.1 ON JUN 8
MINIMUM DAILY, 1.42 ON MAY 5
MAXIMUM INSTANTANEOUS,
48.3 AT 04:32 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 04 N
LONG 116 36 43 W
DRAINAGE AREA, 499 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 130
FEB	---	AUG	17 200
MAR	---	SEP	8 020
APR	---	OCT	7 880
MAY	8 870	NOV	---
JUN	14 800	DEC	---

TOTAL DISCHARGE, 65 800 dam³

CASCADE POWER DIVERSION NEAR BANFF - STATION NO. 05BD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.23	4.93	14.2	8.27	0.388	4.38	0.340	1.98	0.388	2.87	8.55	2.78	1
2	8.88	13.4	13.7	8.85	17.0	0.425	0.340	0.388	8.88	5.83	3.86	0.388	2
3	9.08	11.7	13.5	8.88	8.834	8.04	0.340	0.388	2.78	4.38	8.28	0.388	3
4	12.8	12.0	13.8	13.8	0.340	8.15	0.340	0.425	0.483	0.283	8.87	0.388	4
5	13.1	12.4	7.08	14.8	8.84	0.388	0.783	0.425	0.483	0.311	0.388	4.22	5
6	13.7	8.78	3.82	13.7	8.21	0.883	0.340	0.425	0.340	0.311	0.388	4.18	6
7	13.8	8.88	13.5	14.5	1.84	0.388	0.483	0.425	0.028	4.22	8.84	2.84	7
8	13.8	12.3	13.8	13.8	0.340	0.340	0.481	0.425	0.028	4.86	8.84	4.83	8
9	10.7	12.5	13.8	8.82	8.21	0.510	0.425	0.425	0.028	5.81	5.88	2.83	9
10	8.47	12.2	15.3	7.25	0.340	0.288	0.388	0.425	0.028	8.81	5.34	0.388	10
11	12.8	12.2	13.5	13.5	0.340	0.288	0.481	0.425	0.028	7.73	2.84	0.388	11
12	11.3	12.3	3.51	13.8	0.340	0.283	0.510	0.425	0.028	12.7	2.87	4.15	12
13	12.5	8.88	2.84	15.0	2.80	0.838	0.510	0.425	0.028	15.5	2.83	4.18	13
14	11.0	5.80	13.2	15.0	0.340	0.340	0.481	0.425	0.028	14.2	5.10	3.00	14
15	10.8	12.2	11.3	14.7	0.340	0.340	0.340	0.425	0.028	4.42	4.38	4.42	15
16	5.83	12.1	11.2	11.0	2.88	0.340	0.340	0.425	0.028	0.340	2.48	4.13	16
17	4.81	12.2	11.4	3.78	7.08	0.340	0.340	0.425	0.028	8.88	7.14	0.388	17
18	11.2	12.2	11.8	15.1	7.02	0.340	4.30	0.483	0.028	10.1	7.08	0.388	18
19	11.2	13.8	0.388	15.1	15.3	0.340	8.88	0.388	0.028	8.80	0.388	0.388	19
20	11.3	3.88	0.388	12.1	21.7	0.340	5.81	0.388	0.028	10.0	0.388	4.84	20
21	11.4	4.58	12.4	13.4	22.0	0.340	8.03	0.388	0.028	10.0	8.85	4.78	21
22	11.1	13.8	12.4	12.2	22.2	0.340	2.88	0.388	0.028	0.510	8.08	4.87	22
23	4.88	13.5	12.2	0.388	23.5	0.340	8.88	0.388	0.028	2.82	7.08	2.83	23
24	4.02	13.8	12.3	0.340	21.2	0.340	8.85	7.08	0.142	4.11	2.88	2.88	24
25	10.8	13.7	13.4	11.2	18.5	0.340	4.45	0.425	0.028	8.80	0.388	2.24	25
26	10.7	13.5	0.388	8.08	14.7	0.340	8.44	0.483	0.028	4.47	0.388	2.35	26
27	10.8	0.388	4.81	7.02	8.47	0.340	8.10	0.388	0.028	8.81	0.388	3.37	27
28	11.5	0.340	12.3	8.88	8.24	0.340	8.61	0.388	0.028	10.0	0.388	4.30	28
29	10.8	13.5	12.0	8.81	7.18	0.340	8.84	0.388	0.028	3.87	4.28	8.88	29
30	8.84		13.8	0.388	8.48	0.340	8.85	0.388	0.588	4.42	2.80	8.88	30
31	8.13		13.7		4.22		10.1	0.388		8.87		2.21	31
TOTAL	310.94	283.648	321.284	308.536	284.292	30.703	105.850	21.083	11.435	188.125	131.848	80.388	TOTAL
MEAN	10.0	10.1	10.4	10.2	8.20	1.02	3.44	0.879	0.381	8.42	4.38	2.82	MEAN
MAX	13.8	13.8	15.3	15.1	23.5	8.15	10.1	7.08	8.88	15.5	8.87	8.88	MAX
MIN	4.02	0.340	0.388	0.340	0.340	0.288	0.340	0.388	0.028	0.283	0.388	0.388	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.88
MAXIMUM DAILY, 23.5 ON MAY 23
MINIMUM DAILY, 0.028 ON SEP 7

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 11 57 N
LONG 115 30 08 W

REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 800	JUL	8 210
FEB	25 400	AUG	1 620
MAR	27 600	SEP	988
APR	28 500	OCT	17 200
MAY	22 000	NOV	11 400
JUN	2 650	DEC	7 810

TOTAL DISCHARGE, 180 000 dam³

CASCADE RIVER ABOVE LAKE MINNEWANKA - STATION NO. 05BD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	3.28	9.85	9.82	11.2	5.41	4.48	---	---	1
2	---	---	---	---	3.14	8.58	10.7	11.4	5.24	4.33	---	---	2
3	---	---	---	---	3.07	8.80	12.8	13.4	5.03	4.28	---	---	3
4	---	---	---	---	3.08	10.5	11.8	17.7	4.95	4.21	---	---	4
5	---	---	---	---	3.08	10.8	12.4	18.8	4.88	4.14	---	---	5
6	---	---	---	---	3.11	17.4	17.7	15.0	4.86	4.11	---	---	6
7	---	---	---	---	3.08	28.3	18.2	13.4	4.81	4.08	---	---	7
8	---	---	---	---	3.42	45.8	13.7	11.8	4.85	3.98	---	---	8
9	---	---	---	---	5.07	39.0	12.8	10.5	4.78	3.86	---	---	9
10	---	---	---	---	7.08	35.2 E	11.8	9.88	4.87	3.84	---	---	10
11	---	---	---	---	7.85	30.0 E	11.8	9.22	4.85	3.82	---	---	11
12	---	---	---	---	11.7	18.2 E	14.8	8.81	4.82	3.82	---	---	12
13	---	---	---	---	14.8	16.2 E	13.2	7.92	4.34	3.80	---	---	13
14	---	---	---	---	12.0	15.0 E	11.8	7.78	4.24	3.88	---	---	14
15	---	---	---	---	8.68	13.8	10.8	7.52	4.21	3.88	---	---	15
16	---	---	---	---	8.80	15.2	10.8	7.27	4.48	3.88	---	---	16
17	---	---	---	---	12.5	16.0	9.33	7.18	4.46	3.83	---	---	17
18	---	---	---	---	8.88	15.8	8.81	7.48	4.31	3.80	---	---	18
19	---	---	---	---	7.31	14.7	8.35	7.27	4.28	3.72	---	---	19
20	---	---	---	---	8.78	13.5	8.18	7.17	4.22	3.88	---	---	20
21	---	---	---	---	8.71	12.4	8.15	7.08	4.17	3.88	---	---	21
22	---	---	---	---	9.17	12.7	8.12	6.80	4.15	3.88	---	---	22
23	---	---	---	---	14.2	12.8	7.88	6.68	4.13	3.85	---	---	23
24	---	---	---	---	13.2	12.4	7.88	8.17	4.10	3.83	---	---	24
25	---	---	---	---	10.7	11.3	7.48	8.08	4.08	3.81	---	---	25
26	---	---	---	---	10.7	11.7	7.44	8.43	4.08	3.81	---	---	26
27	---	---	---	3.04A	10.5	11.8	7.34	8.10	4.08	3.85	---	---	27
28	---	---	---	3.38	8.48	11.8	7.28	8.88	4.08	3.87	---	---	28
29	---	---	---	3.80	10.3	12.2	7.18	8.78	4.00	3.86	---	---	29
30	---		---	3.57	8.73	10.8	8.81	8.72	4.11	3.84	---	---	30
31	---		---		10.2		8.77	8.87		3.48A		---	31
TOTAL	---	---	---	---	252.81	474.43	318.80	278.30	134.18	118.37	---	---	TOTAL
MEAN	---	---	---	---	8.15	15.8	10.2	8.98	4.47	3.88	---	---	MEAN
MAX	---	---	---	---	14.8	45.8	17.7	18.8	5.41	4.48	---	---	MAX
MIN	---	---	---	---	3.08	8.58	8.77	8.87	4.00	3.48	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.58
MAXIMUM DAILY, 45.8 ON JUN 8
MINIMUM DAILY, 3.08 ON MAY 7
MAXIMUM INSTANTANEOUS,
73.2 AT 01:33 MST ON JUN 8

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 18 N
LONG 115 33 00 W
DRAINAGE AREA, 484 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	27 400
FEB	---	AUG	34 000
MAR	---	SEP	11 800
APR	---	OCT	10 300
MAY	21 806	NOV	---
JUN	41 000	DEC	---

TOTAL DISCHARGE, 138 000 dam³

CASTLE RIVER AT RANGER STATION - STATION NO. 05AA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.800B	1.30	11.4	23.3	8.08	2.85	1.88	3.58	3.83A	---	1
2	---	---	0.810B	1.88	10.7	21.2	7.52	3.23	1.88	3.82	---	---	2
3	---	---	0.820B	1.88	10.0	20.3	7.17	3.08	1.85	3.57	---	---	3
4	---	---	0.840B	1.78	9.88	22.3	6.88	2.87	1.83	3.88	---	---	4
5	---	---	0.880B	1.71	10.4	24.0	6.83	2.76	1.80	3.49	---	---	5
6	---	---	0.900B	2.68	11.2	24.8	6.88	2.71	1.77	3.42	---	---	6
7	---	---	0.840B	3.80	12.4	27.0	6.28	2.72	1.78	3.35	---	---	7
8	---	---	0.850B	3.74	13.6	31.7	5.88	2.62	1.74	3.24	---	---	8
9	---	---	0.883B	3.73	16.3	26.6	5.67	2.64	1.73	3.18	---	---	9
10	---	---	0.888B	3.72	20.6	23.0	5.39	2.80	1.82	3.10	---	---	10
11	---	---	0.852B	4.38	26.6	21.5	5.28	2.45	1.88	3.01	---	---	11
12	---	---	0.850B	5.19	34.9	20.1	5.13	2.42	1.74	2.94	---	---	12
13	---	---	0.847	5.90	41.2	18.4	4.85	2.38	1.71	2.86	---	---	13
14	---	---	0.832B	6.80	37.2	16.8	4.80	2.30	1.70	2.81	---	---	14
15	---	---	0.850B	8.49	28.6	16.1	4.84	2.28	1.88	2.98	---	---	15
16	---	---	0.850B	12.3	26.7	15.9	4.41	2.22	1.70	3.37	---	---	16
17	---	---	0.870B	15.2	31.0	16.4	4.24	2.21	1.82	3.83	---	---	17
18	---	---	0.877B	16.6	28.0	16.6	4.07	2.19	1.82	3.88	---	---	18
19	---	---	1.01	17.0	24.1	15.7	3.94	2.12	1.82	3.76	---	---	19
20	---	---	1.11	16.1	21.8	14.7	3.81	2.15	1.82	3.73	---	---	20
21	---	---	1.26	14.9	20.6	13.8	3.86	2.12	1.76	3.89	---	---	21
22	---	---	1.14	13.4	21.8	12.9	3.84	2.06	1.76	3.86	---	---	22
23	---	0.780B	1.12	12.3	26.6	12.4	3.46	2.02	1.83	3.84	---	---	23
24	---	0.770B	1.07	11.8	31.7	11.6	3.36	1.98	2.07	3.45	---	---	24
25	---	0.820B	1.08	11.0	27.0	11.2	3.30	1.98	2.22	3.40	---	---	25
26	---	0.840B	1.36	10.2	24.7	10.6	3.23	2.25	2.48	3.41	---	---	26
27	---	0.880B	1.84	9.88	26.8	10.0	3.18	2.09	2.67	3.34	---	---	27
28	---	0.880B	1.36	9.40	25.8	9.82	3.05	2.02	3.20	3.20	---	---	28
29	---	0.820B	1.32	10.3	27.2	9.69	2.97	1.97	3.30	3.11	---	---	29
30	---		1.27	11.6	26.0	8.74	2.88	1.93	3.40	3.03	---	---	30
31	---		1.24		26.1		2.81	1.92		2.98		---	31
TOTAL	---	---	32.378	248.18	711.78	528.15	147.07	73.03	60.69	104.21	---	---	TOTAL
MEAN	---	---	1.04	8.27	23.0	17.6	4.74	2.36	2.02	3.36	---	---	MEAN
MAX	---	---	1.84	17.0	41.2	31.7	8.08	3.23	3.40	3.83	---	---	MAX
MIN	---	---	0.800	1.30	9.88	8.74	2.81	1.92	1.88	2.81	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.78
MAXIMUM DAILY, 41.2 ON MAY 13
MINIMUM DAILY, 0.800B ON MAR 1
MAXIMUM INSTANTANEOUS,
42.2 AT 09:45 MST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 55 N
LONG 114 20 20 W
DRAINAGE AREA, 378 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12 700
FEB	---	AUG	8 310
MAR	2 800	SEP	6 240
APR	21 400	OCT	9 000
MAY	61 500	NOV	---
JUN	45 800	DEC	---

TOTAL DISCHARGE, 185 000 dam³

CASTLE RIVER NEAR BEAVER MINES - STATION NO. 05AA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26 B	0.800B	1.71	2.35	18.8	37.5	11.1	4.10	2.80	5.55	4.05	5.51	1
2	1.18 B	0.870B	1.77	3.14	18.0	32.8	10.3	4.89	2.47	5.54	4.49	5.12	2
3	1.05 B	0.850B	1.88	4.78	16.5	30.5	9.87	4.84	2.43	5.42	4.71	4.84	3
4	0.880B	0.800B	1.82	4.77	16.8	34.0	9.53	4.19	2.38	5.29	4.82	4.03	4
5	0.968B	0.850B	1.82	4.07	16.8	37.8	9.75	4.01	2.35	5.11	4.85	3.89	5
6	1.08 B	0.800B	1.77	4.83	21.5	38.8	9.43	3.80	2.26	4.87	5.83	3.49	6
7	1.08 B	1.00 B	1.82	5.51	22.8	44.1	8.76	3.84	2.28	4.81	6.84	3.29	7
8	1.18 B	0.850B	1.83	6.50	24.1	51.1	8.12	3.88	2.26	4.61	6.84	3.58B	8
9	1.28 B	1.05 B	1.80	7.50	26.8	42.0	7.77	3.63	2.23	4.44	6.41	4.61B	9
10	1.40 B	1.27 B	1.81	7.19	37.7	36.7	7.45	3.51	2.33	4.37	6.21	3.34B	10
11	1.61 B	1.62 B	1.78	7.73	48.4	33.1	7.42	3.47	2.88	4.22	6.09	3.28B	11
12	1.87 B	1.68 B	1.84	8.80	60.8	30.2	7.20	3.42	2.38	4.09	5.88	3.35	12
13	2.07 B	1.80 B	1.88	11.0	69.2	27.7	6.90	3.31	2.30	3.97	5.81	3.54	13
14	2.17 B	1.85 B	1.88	12.4	61.2	25.3	6.87	3.18	2.28	3.88	5.63	3.31	14
15	2.40 B	1.80 B	1.85	15.8	48.8	24.2	6.48	3.18	2.20	4.22	5.43	3.03B	15
16	2.44 B	1.85 B	1.93	23.5	43.3	24.0	6.18	3.18	2.18	5.84	5.21	4.00B	16
17	2.43 B	1.84 B	1.87	28.1	48.5	25.0	5.91	3.04	2.55	6.54	4.98	5.84B	17
18	2.39 B	1.81 B	1.89	30.8	45.9	25.2	5.78	3.01	2.81	6.17	4.84	6.68B	18
19	2.35 B	1.85 B	1.92	31.8	38.5	23.9	5.58	2.88	2.53	5.78	4.84	3.67B	19
20	2.31 B	1.49 B	2.30	29.8	34.0	22.3	5.42	2.91	2.83	5.48	4.73	3.27B	20
21	2.33 B	1.83 B	2.58	28.7	31.8	20.7	5.18	2.88	2.81	5.27	4.71	3.77B	21
22	2.35 B	1.71 B	2.32	23.2	34.3	19.0	4.98	2.82	2.47	5.27	4.45	3.17B	22
23	2.25 B	1.58 B	2.13	20.7	42.8	18.0	4.87	2.71	2.44	5.08	4.74	2.73B	23
24	2.30 B	1.60 B	2.00	20.5	49.7	18.8	4.78	2.65	3.36	4.88	4.12	3.41B	24
25	2.35 B	1.57 B	1.92	18.3	42.4	18.7	4.81	2.59	3.41	4.88	3.97	2.41B	25
26	2.42 B	1.59 B	2.15	18.3	38.8	16.8	4.50	3.28	4.84	4.70	3.88B	2.68B	26
27	2.50 B	1.68 B	3.07	15.6	40.8	13.8	4.36	3.33	4.48	4.88	2.84B	2.88B	27
28	2.55 B	1.60 B	2.76	15.8	38.8	13.4	4.25	2.84	4.88	4.32	4.78B	2.70B	28
29	2.15 B	1.58 B	2.48	15.8	43.3	12.8	4.12	2.70	5.00	4.18	5.47	2.88B	29
30	1.70 B		2.33	21.0	41.1	12.2	4.01	2.68	5.28	4.03	5.53	2.90B	30
31	1.10 B		2.27		42.8		3.91	2.63		4.01		2.58B	31
TOTAL	57.298	40.030	62.81	483.86	1 170.6	803.6	208.27	103.38	88.88	151.03	152.86	111.33	TOTAL
MEAN	1.85	1.38	2.02	16.1	37.8	26.8	6.62	3.33	2.89	4.87	5.08	3.58	MEAN
MAX	2.55	1.89	3.07	31.8	69.2	51.1	11.1	4.89	5.28	6.54	6.84	6.84	MAX
MIN	0.968	0.800	1.78	2.35	16.8	12.2	3.91	2.63	2.18	3.88	2.84	2.41	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.28
MAXIMUM DAILY, 69.2 ON MAY 13
MINIMUM DAILY, 0.800B ON FEB 1
MAXIMUM INSTANTANEOUS,
71.3 AT 09:45 MST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 30 N
LONG 114 08 40 W
DRAINAGE AREA, 833 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 950	JUL	17 700
FEB	3 480	AUG	8 530
MAR	8 410	SEP	7 480
APR	28 200	OCT	13 000
MAY	101 000	NOV	12 200
JUN	68 400	DEC	9 610

TOTAL DISCHARGE, 293 000 dam³

CATARACT CREEK NEAR FORESTRY ROAD - STATION NO. 08BL022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1808	0.1108	0.1838	0.1328	1.30	5.52	1.57	0.882	0.507	0.488	0.4238	0.3078	1
2	0.1808	0.1158	0.1708	0.1488	1.33	4.82	1.48	1.48	0.502	0.484	0.4208	0.2128	2
3	0.1808	0.1208	0.1858	0.1678	1.18	4.83	1.48	1.48	0.500	0.488	0.3958	0.2158	3
4	0.1858	0.1358	0.1878	0.1808	0.997	4.72	1.40	1.38	0.487	0.487	0.3728	0.2188	4
5	0.1438	0.1508	0.1888	0.2008	1.04	5.88	1.35	1.18	0.481	0.477	0.3598	0.2188	5
6	0.1178	0.1508	0.1528	0.1808	1.22	"5.78	1.88	1.05	0.473	0.488	0.3458	0.2188	6
7	0.0888	0.1528	0.1858	0.2078	1.31	8.17	1.45	1.02	0.507	0.485	0.3258	0.2178	7
8	0.0858	0.1498	0.1548	0.2108	1.70	10.7	1.34	0.944	0.488	0.438	0.3238	0.2158	8
9	0.0498	0.1478	0.1898	0.2208	2.34	8.38	1.28	0.880	0.473	0.435	0.3108	0.2128	9
10	0.0368	0.1438	0.1848	0.2708	3.63	7.76	1.25	0.844	0.491	0.428	0.2958	0.2078	10
11	0.0278	0.1388	0.1688	0.3298	5.10	6.57	1.30	0.835	0.508	0.424	0.2808	0.2048	11
12	0.0268	0.1638	0.1708	0.3748	5.18	5.88	1.22	0.808	0.513	0.416	0.2688	0.2028	12
13	0.0348	0.1518	0.1838	0.4888	5.85	5.05	1.17	0.786	0.477	0.413	0.2778	0.2008	13
14	0.0468	0.1378	0.1408	0.5268	5.88	4.58	1.18	0.740	0.485	0.408	0.2708	0.2008	14
15	0.0888	0.1388	0.1308	0.5778	4.88	4.20	1.12	0.719	0.442	0.518	0.2688	0.2008	15
16	0.0988	0.1488	0.1308	0.6338	5.24	3.88	1.08	0.709	0.438	0.504	0.2608	0.2048	16
17	0.1078	0.1488	0.1308	1.18 B	5.73	3.71	1.04	0.895	0.483	0.525	0.2488	0.2068	17
18	0.1118	0.1488	0.1408	1.47 B	4.78	3.50	1.03	0.888	0.485	0.448	0.2528	0.2128	18
19	0.1178	0.1508	0.1608	1.52 B	4.18	3.18	0.993	0.866	0.483	0.461	0.2488	0.2138	19
20	0.1188	0.1618	0.1638	1.27 B	3.82	2.93	0.940	0.780	0.510	0.450	0.2518	0.2158	20
21	0.1248	0.1608	0.1848	1.20 B	3.74	2.75	0.882	0.720	0.495	0.433	0.2538	0.2138	21
22	0.1388	0.1608	0.1648	1.11 B	4.38	2.58	0.882	0.851	0.472	0.464	0.2558	0.2128	22
23	0.1498	0.1608	0.1528	1.14 B	5.50	2.42	0.802	0.814	0.472	0.428	0.2528	0.2118	23
24	0.1488	0.1608	0.1358	1.02	5.37	2.28	0.708	0.892	0.485	0.422	0.2488	0.2108	24
25	0.1408	0.1608	0.1238	0.807	4.72	2.11	0.894	0.578	0.518	0.4048	0.2308	0.2058	25
26	0.1478	0.1708	0.1208	1.08	4.88	2.00	0.882	0.572	0.510	0.4128	0.2108	0.2028	26
27	0.1538	0.1798	0.1158	1.04	4.85	1.93	0.885	0.534	0.5338	0.3908	0.2008	0.2008	27
28	0.1458	0.1708	0.1108	1.13	4.38	1.88	0.880	0.884	0.518	0.3708	0.2008	0.1888	28
29	0.1388	0.1888	0.1108	1.83	4.88	1.85	0.840	0.542	0.482	0.3878	0.2008	0.1838	29
30	0.1258		0.1208	1.83	4.81	1.72	0.817	0.515	0.493	0.402	0.2008	0.1888	30
31	0.1158		0.1308		5.28		0.808	0.513		0.397		0.1838	31
TOTAL	3.404	4.323	4.584	22.236	122.217	132.04	33.510	24.882	14.780	13.766	8.467	6.430	TOTAL
MEAN	0.110	0.149	0.147	0.741	3.94	4.40	1.08	0.806	0.493	0.444	0.282	0.207	MEAN
MAX	0.180	0.178	0.184	1.83	5.85	10.7	1.88	1.48	0.810	0.804	0.423	0.219	MAX
MIN	0.026	0.110	0.110	0.132	0.997	1.72	0.808	0.513	0.438	0.333	0.200	0.183	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 10.7 ON JUN 8
MINIMUM DAILY, 0.0268 ON JAN 12
MAXIMUM INSTANTANEOUS,
12.8 AT 00:08 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 04 N
LONG 114 35 25 W
DRAINAGE AREA, 198 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	284	JUL	2 800
FEB	374	AUG	2 180
MAR	384	SEP	1 280
APR	1 920	OCT	1 180
MAY	10 600	NOV	731
JUN	11 400	DEC	555

TOTAL DISCHARGE, 33 800 dam³

CAVAN LAKE DIVERSION NEAR DUNMORE - STATION NO. 05AH044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0.0838	0.018	0	0	0	0	0	0	---	---	1
2	---	0	0.0728	0.021	0	0	0	0	0	0	---	---	2
3	---	0	0.0648	0.445	0	0	0	0	0	0	---	---	3
4	---	0	0.0568	0.497	0	0	0	0	0	0	---	---	4
5	---	0	0.0378	0.313	0	0	0	0	0	0	---	---	5
6	---	0	0.0348	0.195	0	0	0	0	0	0	---	---	6
7	---	0	0.0348	0.164	0	0	0	0	0	0	---	---	7
8	---	0	0.0388	0.151	0	0	0	0	0	0	---	---	8
9	---	0	0.0358	0.136	0	0	0	0	0	0	---	---	9
10	---	0	0.0308	0.081	0	0	0	0	0	0	---	---	10
11	---	0	0.0328	0.082	0	0	0	0	0	0	---	---	11
12	---	0	0.0308	0.078	0	0	0	0	0	0	---	---	12
13	---	0	0.0298	0.062	0	0	0	0	0	0	---	---	13
14	---	0	0.013	0.052	0	0	0	0	0	0	---	---	14
15	---	0	0.008	0.039	0	0	0	0	0	0	---	---	15
16	---	0	0.006	0.038	0	0	0	0	0	0	---	---	16
17	---	0	0.006	0.030	0	0	0	0	0	0	---	---	17
18	---	0	0.006	0.023	0	0	0	0	0	0	---	---	18
19	---	0	0.006	0.017	0	0	0	0	0	0	---	---	19
20	---	0	0.006	0.015	0	0	0	0	0	0	---	---	20
21	---	0	0.045	0.012	0	0	0	0	0	0	---	---	21
22	---	0	0.058	0.009	0	0	0	0	0	0	---	---	22
23	---	0	0.051	0.007	0	0	0	0	0	0	---	---	23
24	---	0	0.038	0.007	0	0	0	0	0	0	---	---	24
25	---	0	0.022	0.007	0	0	0	0	0	0	---	---	25
26	---	0	0.011	0.007	0	0	0	0	0	0	---	---	26
27	---	0	0.0108	0.006	0	0	0	0	0	0	---	---	27
28	0A	0.065	0.0208	0.003	0	0	0	0	0	0	---	---	28
29	0	0.118	0.0278	0.001	0	0	0	0	0	0	---	---	29
30	0		0.0238	0.001	0	0	0	0	0	0	---	---	30
31	0		0.0188		0		C	0		0A		---	31
TOTAL	---	0.173	0.958	2.526	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.006	0.031	0.084	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.118	0.083	0.497	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0.006	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.013
MAXIMUM DAILY, 0.497 ON APR 4
MINIMUM DAILY, 0 ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 50 N
LONG 110 28 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	14.8	AUG	0
MAR	53.8	SEP	0
APR	218	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 318 dam³

CAVAN LAKE NEAR DUNMORE - STATION NO. 05AH048

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	807.342	807.341	807.389	807.336	806.243	805.728	805.303	---	---	---	---	1
2	---	807.343	807.342	807.384	807.332	806.206	805.628	805.308	---	---	---	---	2
3	---	807.342	807.338	807.388	807.328	806.197	805.630	805.318	---	---	---	---	3
4	---	807.338	807.344	807.398	807.331	806.186	805.613	805.315	---	---	---	---	4
5	---	807.338	807.347	807.398	807.314	806.183	805.610	805.308	---	---	---	---	5
6	---	807.343	807.351	807.425	807.312	806.194	805.526	805.300	---	---	---	---	6
7	---	807.345	807.352	807.425	807.313	806.136	805.499	805.282	---	---	---	---	7
8	---	807.348	807.353	807.413	807.324	806.146	805.487	805.287	---	---	---	---	8
9	---	807.340	807.352	807.417	807.303	806.140	805.473	805.276A	---	---	---	---	9
10	---	807.343	807.350	807.425	807.265	806.130	805.461	805.256E	---	---	---	---	10
11	---	807.356	807.356	807.424	807.191	806.123	805.442	805.236E	---	---	---	---	11
12	---	807.356	807.363	807.430	807.128	806.112	805.480	805.213E	---	---	---	---	12
13	---	807.355	807.361	807.428	807.078	806.106	805.458	805.191E	---	---	---	---	13
14	---	807.361	807.368	807.430	807.000	806.103	805.448	805.172E	---	---	---	---	14
15	---	807.361	807.366	807.433	806.938	806.104	805.448	805.155E	---	---	---	---	15
16	---	807.353	807.372	807.420	806.878	806.086	805.440	805.138E	---	---	---	---	16
17	---	807.351	807.373	807.413	806.807	806.088	805.422	805.124A	---	---	---	---	17
18	---	807.355	807.371	807.414	806.728	806.078	805.428	805.128	---	---	---	---	18
19	---	807.358	807.370	807.408	806.658	806.082	805.427	805.121	---	---	---	---	19
20	---	807.367	807.370	807.401	806.611	806.084	805.430	805.117	---	---	---	---	20
21	---	807.383	807.384	807.397	806.588	806.068	805.424	805.114	---	---	---	---	21
22	---	807.384	807.384	807.388	806.517	806.060	805.407	805.108	---	---	---	---	22
23	---	807.384	807.388	807.391	806.494	806.037	805.383	805.087	---	---	---	---	23
24	---	807.382	807.386	807.378	806.486	806.019	805.388	805.080	---	---	---	---	24
25	---	807.382	807.388	807.376	806.470	806.013	805.381	805.078	---	---	---	---	25
26	---	807.351	807.381	807.378	806.463	806.000	805.378	805.060	---	---	---	---	26
27	807.381A	807.350	807.382	807.373	806.421	805.881	805.374	805.011	---	---	---	---	27
28	807.383	807.352	807.333	807.384	806.380	805.885	805.349	804.987	---	---	---	---	28
29	807.356	807.342	807.344	807.384	806.340	805.889	805.347	804.937	---	---	---	---	29
30	807.347		807.352	807.382	806.306	805.821	805.347	804.730	---	---	---	---	30
31	807.344		807.350		806.274		805.324	---		---		---	31
MEAN	---	807.351	807.357	807.397	806.888	806.084	805.448	---	---	---	---	---	MEAN
MAX	---	807.367	807.373	807.433	807.338	806.243	805.728	---	---	---	---	---	MAX
MIN	---	807.338	807.333	807.382	806.274	805.821	805.324	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 807.433 ON APR 15

MAXIMUM INSTANTANEOUS,
807.452 AT 00:20 MST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 56 38 N
LONG 110 23 58 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
11.4 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

REMARKS - LAKE WENT DRY AT THE GAUGE AUG 30 WITH ONLY A LITTLE WATER LEFT IN THE SOUTH END FOR THE REMAINDER OF THE YEAR

CHAIN LAKES RESERVOIR NEAR HANTON - STATION NO. 05AB037

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	1295.535	1295.281	---	1294.588	1
2	---	---	---	---	---	---	---	---	1295.514	1295.280	1295.002A	1294.583	2
3	---	---	---	---	---	---	---	1295.738A	1295.500	1295.275	1294.986	1294.583	3
4	---	---	---	---	---	---	---	---	1295.492	1295.276	1294.976	1294.538	4
5	---	---	---	---	---	---	---	---	1295.477	1295.271	1294.957	1294.534	5
6	---	---	---	---	---	---	---	---	1295.458	1295.265	1294.948	1294.518	6
7	---	---	---	---	---	---	---	---	1295.437	1295.263	1294.943	1294.505	7
8	---	---	---	---	---	---	---	---	1295.435	1295.259	1294.927	1294.489	8
9	---	---	1295.184A	---	---	---	---	---	1295.423	1295.252	1294.912	1294.482	9
10	---	---	---	---	---	---	---	---	1295.418	1295.247	1294.896	1294.471	10
11	---	---	---	---	---	---	---	1295.712A	1295.401	1295.240	1294.884	1294.461	11
12	---	---	---	---	---	---	---	1295.708	1295.383	1295.237	1294.881	1294.448	12
13	---	---	---	1295.639A	---	---	---	1295.704	1295.381	1295.218	1294.850	1294.439	13
14	---	---	---	---	---	---	---	1295.687	1295.374	1295.206	1294.837	1294.434	14
15	---	---	---	---	---	---	---	1295.664	1295.361	1295.190	1294.823	1294.422	15
16	---	---	---	---	---	---	---	1295.678	1295.355	1295.179	1294.807	1294.412	16
17	---	---	---	---	---	---	---	1295.661	1295.353	1295.165	1294.788	1294.402	17
18	---	---	---	---	---	---	---	1295.658	1295.344	1295.157A	1294.780	1294.394	18
19	---	---	---	---	---	---	---	1295.647	1295.339	---	1294.767	1294.387	19
20	---	---	---	---	---	---	---	1295.639	1295.337	---	1294.761	1294.378	20
21	---	---	---	---	---	---	---	1295.635	1295.333	---	1294.733	1294.368	21
22	---	---	---	---	---	---	---	1295.627	1295.327	---	1294.718	1294.360	22
23	---	1295.174A	---	---	---	---	---	1295.622	1295.325	---	1294.704	1294.353	23
24	---	---	---	---	---	1295.183A	---	1295.617	1295.320	---	1294.691	1294.336	24
25	---	---	1295.281A	---	---	---	---	1295.609	1295.317	---	1294.677	1294.331	25
26	---	---	---	---	---	---	1295.791A	1295.603	1295.315	---	1294.668	1294.323	26
27	---	---	---	1295.572A	---	---	---	1295.598	1295.308	---	1294.650	1294.316	27
28	---	---	---	---	---	---	---	1295.579	1295.300	---	1294.628	1294.288	28
29	---	---	---	---	---	---	---	1295.588	1295.289	---	1294.615	1294.288	29
30	---		---	---	---	---	---	1295.584	1295.285	---	1294.602	1294.282	30
31	---		---		1295.988A		---	1295.538		---		1294.273	31
MEAN	---	---	---	---	---	---	---	---	1295.382	---	---	1294.417	MEAN
MAX	---	---	---	---	---	---	---	---	1295.535	---	---	1294.588	MAX
MIN	---	---	---	---	---	---	---	---	1295.285	---	---	1294.273	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 37 N
LONG 114 11 55 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
187 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHEVAL DES QUATRE FOURCHES AT QUATRE FOURCHES - STATION NO. 07KF001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	208.826	---	---	208.787	---	---	1
2	---	---	---	---	---	---	208.859	---	---	208.729	---	---	2
3	---	---	---	---	---	208.887	208.877	---	---	208.813	---	---	3
4	---	---	---	---	---	208.853	208.873	---	---	---	---	---	4
5	---	---	---	---	---	208.788	208.869	---	---	---	---	---	5
6	---	---	---	---	---	208.696	208.467	---	208.105	---	---	---	6
7	---	---	---	---	---	208.615	208.302	---	208.208	---	---	---	7
8	---	---	---	---	---	208.702	208.227	---	208.413	---	---	---	8
9	---	---	---	---	---	208.648	208.337	---	208.147	---	---	---	9
10	---	---	---	---	---	208.486	208.386	---	208.080	---	---	---	10
11	---	---	---	---	---	208.688	208.344	---	208.052	---	---	---	11
12	---	---	---	---	---	208.788	208.311	---	208.121	---	---	---	12
13	---	---	---	---	---	208.743	---	---	208.041	---	---	---	13
14	---	---	---	---	---	208.822	---	---	208.882	---	---	---	14
15	---	---	---	---	---	208.836	---	---	208.910	---	---	---	15
16	---	---	---	---	---	208.982	---	---	208.884	---	---	---	16
17	---	---	---	---	---	208.081	---	---	208.026	---	---	---	17
18	---	---	---	---	---	208.112	---	208.284	208.877	---	---	---	18
19	---	---	---	---	---	208.112	---	---	208.826	---	---	---	19
20	---	---	---	---	---	208.143	---	---	208.038	---	---	---	20
21	---	---	---	---	---	208.188	---	---	208.053	---	---	---	21
22	---	---	---	---	---	208.183	---	---	208.035	---	---	---	22
23	---	---	---	---	---	208.087	---	---	208.082	---	---	---	23
24	---	---	---	---	---	208.023	---	---	208.213	---	---	---	24
25	---	---	---	---	---	208.877	---	---	208.048	---	---	---	25
26	---	---	---	---	---	208.023	---	---	208.008	---	---	---	26
27	---	---	---	---	---	208.017	---	---	208.045	---	---	---	27
28	---	---	---	---	---	208.002	---	---	208.048	---	---	---	28
29	---	---	---	---	---	208.037	---	---	208.234	---	---	---	29
30	---	---	---	---	---	208.007	---	---	208.078	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 50 N
LONG 111 17 20 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1987

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CHINCHAGA RIVER NEAR HIGH LEVEL - STATION NO. 07OC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.09 B	0.2858	0.5098	0.5728	78.1	112	39.2	37.4	15.5	8.21	5.598	5.088	1
2	1.06 B	0.2708	0.4498	0.5958	88.5	183	52.8	33.2	14.0	8.10	5.638	4.888	2
3	0.8638	0.2708	0.4628	0.6868	102	195	282	28.3	12.7	8.15	5.588	4.788	3
4	0.6858	0.2738	0.4388	0.6958	101	173	385	27.1	11.7	8.26	5.558	4.858	4
5	0.6418	0.2698	0.4128	0.7488	94.8	142	387	25.2	10.8	8.37	5.638	4.408	5
6	0.7838	0.2758	0.4128	0.7848	88.2	118	344	22.8	10.0	8.42	5.638	4.188	6
7	0.8708	0.2758	0.3828	0.7468	90.8	100	278	20.4	8.24	8.43	5.588	4.078	7
8	0.8268	0.2908	0.3788	0.8058	98.9	88.8	234	18.7	8.55	8.54	5.558	3.818	8
9	0.8678	0.2908	0.4068	0.9058	103	79.7	208	17.4	8.21	7.02	5.558	3.818	9
10	0.8528	0.2908	0.4128	1.04 B	102	88.3	183	16.4	7.92	7.44	5.488	3.848	10
11	0.4958	0.2958	0.4488	1.41 B	88.4	103	152	16.0	7.84	7.44	5.408	3.848	11
12	0.4308	0.3158	0.4418	2.01 B	93.4	116	124	16.2	7.10	7.31	5.448	3.848	12
13	0.3688	0.3158	0.4438	3.20 B	88.5	128	107	17.0	6.71	7.11	5.228	3.788	13
14	0.3538	0.3108	0.4538	3.18 B	86.7	133	96.8	16.1	6.56	6.98	5.128	3.828	14
15	0.3328	0.3008	0.4488	4.88 B	87.3	140	102	16.2	6.71	6.93	5.018	3.438	15
16	0.3288	0.3288	0.4548	10.7 B	81.0	128	212	19.1	7.20	6.90	5.048	3.308	16
17	0.3158	0.3288	0.4478	11.4 B	78.1	113	288	20.8	7.18	6.75	5.188	3.158	17
18	0.3068	0.3108	0.4348	11.5 B	81.2	98.8	272	22.8	6.86	6.61	5.188	2.988	18
19	0.3378	0.3328	0.4458	12.2 B	107	81.2	236	22.6	6.82	6.45	5.228	2.678	19
20	0.3668	0.3328	0.4418	12.6 B	117	88.8	213	22.2	6.37	6.46	5.288	2.788	20
21	0.4628	0.3428	0.4508	28.8 B	115	58.8	181	22.6	6.31	6.388	5.338	2.638	21
22	0.4488	0.3488	0.4638	42.7 B	108	51.8	166	22.7	6.26	3.678	5.308	2.618	22
23	0.4068	0.3648	0.4588	82.6 B	96.8	45.7	141	23.0	6.22	4.628	5.228	2.438	23
24	0.3378	0.3868	0.4688	88.8	85.2	40.0	118	22.7	6.13	3.728	5.128	2.368	24
25	0.2958	0.3708	0.4898	88.8	75.8	35.0	99.2	22.7	6.04	4.048	5.088	2.308	25
26	0.2608	0.4428	0.5378	83.7	68.0	30.1	83.3	22.8	5.06	4.378	5.128	2.348	26
27	0.2388	0.4698	0.5378	83.0	88.2	28.7	71.4	22.9	6.12	4.488	5.128	2.398	27
28	0.2368	0.5308	0.5448	84.8	88.7	24.2	63.1	21.8	6.31	4.438	5.268	2.418	28
29	0.2438	0.5238	0.5088	88.7	88.3	22.3	55.2	20.0	6.52	4.408	5.128	2.398	29
30	0.2568		0.5238	74.8	68.7	25.4	48.8	18.2	6.42	5.018	5.188	2.348	30
31	0.2568		0.5028		72.4		42.2	16.8		5.638		2.238	31
TOTAL	15.178	8.715	14.188	885.385	2 758.7	2 748.2	5 230.0	677.2	240.03	184.84	159.84	103.32	TOTAL
MEAN	0.490	0.335	0.458	22.8	88.9	91.6	169	21.8	8.00	5.96	5.32	3.33	MEAN
MAX	1.09	0.530	0.544	74.8	117	195	387	37.4	15.5	7.44	5.63	5.06	MAX
MIN	0.238	0.268	0.378	0.572	68.2	22.3	39.2	16.0	6.04	3.67	5.01	2.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.0
MAXIMUM DAILY, 387 ON JUL 5
MINIMUM DAILY, 0.2368 ON JAN 27
MAXIMUM INSTANTANEOUS,
395 AT 21:30 MST ON JUL 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 35 48 N
LONG 118 20 00 W
DRAINAGE AREA, 10 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 310	JUL	452 000
FEB	838	AUG	58 500
MAR	1 230	SEP	20 700
APR	88 200	OCT	18 000
MAY	238 000	NOV	13 800
JUN	237 000	DEC	8 930

TOTAL DISCHARGE, 1 110 000 dam³

CHIP LAKE AT OUTLET TO LOBSTICK RIVER - STATION NO. 07EB004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	787.839	---	---	787.884	787.988	788.148	788.158	788.133	788.123	---	1
2	---	---	---	---	---	---	787.988	788.147	788.154	788.124	788.123	---	2
3	---	---	---	---	---	---	787.983	788.141	788.138	788.118	---	---	3
4	---	---	---	---	---	---	787.981	788.144	788.147	788.128	---	---	4
5	---	---	---	---	---	---	787.980	788.142	788.147	788.134	---	---	5
6	---	---	---	---	---	---	788.151	788.143	788.188	788.131	---	---	6
7	---	---	---	---	---	---	788.131	788.182	788.212	788.138	---	---	7
8	---	---	---	---	---	787.858	788.131	788.181	788.133	788.138	---	---	8
9	---	---	---	---	---	787.843	788.130	788.158	788.113	788.134	---	---	9
10	---	---	---	---	787.936	787.804	788.138	788.198	788.118	788.138	---	---	10
11	---	---	---	787.982	---	788.005	788.140	788.148	788.118	788.137	---	---	11
12	---	---	---	---	---	787.832	788.223	788.137	788.127	788.138	---	---	12
13	---	---	---	---	---	787.832	788.190	788.142	788.117	788.138	---	---	13
14	---	---	---	---	---	787.916	788.213	788.148	788.113	788.147	---	---	14
15	---	---	---	---	---	787.915	788.215	788.134	788.128	788.143	---	---	15
16	---	---	---	---	---	787.839	788.225	788.135	788.148	788.162	---	---	16
17	---	---	---	---	---	787.822	788.217	788.128	788.121	788.188	---	---	17
18	---	---	---	---	---	787.880	788.223	788.188	788.108	788.133	---	---	18
19	---	---	---	---	---	787.825	788.188	788.187	788.107	788.148	---	---	19
20	---	---	---	---	---	787.824	788.190	788.203	788.108	788.147	---	---	20
21	---	---	---	---	---	787.814	788.187	788.238	788.182	788.140	---	---	21
22	---	---	---	---	---	787.814	788.218	788.187	788.128	788.182	---	---	22
23	---	---	---	---	---	787.824	788.187	788.178	788.118	788.138	---	---	23
24	---	---	---	---	---	787.881	788.177	788.177	788.113	788.137	---	---	24
25	---	---	---	---	---	787.804	788.174	788.174	788.110	788.128	---	---	25
26	---	---	---	---	---	787.828	788.171	788.188	788.120	788.228	---	---	26
27	---	---	---	787.982	---	787.886	788.178	788.180	788.135	788.202	---	---	27
28	---	---	---	---	---	787.887	788.180	788.188	788.130	788.187	---	---	28
29	---	---	---	---	---	787.888	788.182	788.178	788.127	788.187	---	---	29
30	---		---	---	---	787.880	788.182	788.210	788.187	788.122	---	---	30
31	---		---		---		788.148	788.188		788.123		---	31
MEAN	---	---	---	---	---	---	788.143	788.182	788.133	788.144	---	---	MEAN
MAX	---	---	---	---	---	---	788.228	788.238	788.212	788.228	---	---	MAX
MIN	---	---	---	---	---	---	787.888	788.128	788.108	788.110	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 788.238 ON AUG 21

MAXIMUM INSTANTANEOUS,
788.308 AT 16:10 MST ON SEP 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 38 54 N
LONG 115 15 33 W

NATURAL FLOW

DRAINAGE AREA,
1 210 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

REMARKS - WATER LEVELS WERE GREATLY AFFECTED BY WESTERLY WINDS

CHRISTINA RIVER NEAR CHARD - STATION NO. 07CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.668	2.338	17.3	8.61	14.1	27.8	8.90	8.88	8.228	---	1
2	---	---	1.678	2.488	16.8	8.94	14.7	25.8	8.82	8.67	8.108	---	2
3	---	---	1.688	2.608	17.7	9.27	14.8	24.2	8.88	8.61	4.888	---	3
4	---	---	1.698	2.808	17.7	9.61	15.1	22.3	8.63	8.63	---	---	4
5	---	---	1.708	3.008	17.7	10.3	15.2	20.8	8.87	8.59	---	---	5
6	---	---	1.708	3.288	17.7	11.1	15.7	19.0	8.87	8.88	---	---	6
7	---	---	1.718	3.648	17.1	11.8	16.0	17.8	8.38	8.38	---	---	7
8	---	---	1.738	3.708	16.8	12.0	22.4	16.4	8.83	8.28	---	---	8
9	---	---	1.758	4.008	16.3	12.8	28.8	15.4	8.41	8.24	---	---	9
10	---	---	1.788	4.408	16.8	13.0	38.8	14.8	8.33	8.08	---	---	10
11	---	---	1.788	4.488	16.8	13.3	41.1	13.8	8.10	8.09	---	---	11
12	---	---	1.788	5.888	16.2	14.2	41.8	13.2	8.00	8.04	---	---	12
13	---	---	1.828	6.828	16.0	15.8	44.4	12.7	7.80	8.88	---	---	13
14	---	---	1.868	6.828	16.1	18.1	50.7	12.2	7.88	8.81	---	---	14
15	---	---	1.918	7.008	14.8	20.2	61.7	11.4	7.80	8.73	---	---	15
16	---	---	1.918	8.438	14.2	21.8	88.3	11.0	7.17	8.83	---	---	16
17	---	---	1.908	8.818	13.8	22.0	71.4	10.8	8.88	8.70	---	---	17
18	---	---	1.888	8.888	13.0	21.8	73.1	10.1	8.83	8.70	---	---	18
19	---	---	1.888	8.308	12.8	20.7	73.8	9.88	8.88	8.80	---	---	19
20	---	---	1.888	10.0 B	12.1	18.3	74.4	9.84	8.88	8.43	---	---	20
21	---	---	1.988	10.5 B	11.7	16.1	72.1	9.88	8.87	8.40	---	---	21
22	---	---	2.018	11.0 B	11.8	16.7	88.1	9.84	8.48	8.42	---	---	22
23	---	---	2.018	12.1 B	11.1	16.8	62.7	10.3	8.38	8.888	---	---	23
24	---	---	2.018	12.3 B	10.8	14.8	88.8	10.8	8.43	4.78	---	---	24
25	---	---	2.038	13.1 B	10.2	13.8	83.3	10.4	8.34	4.888	---	---	25
26	---	---	2.048	14.0 B	9.81	12.8	48.4	10.4	8.81	4.888	---	---	26
27	---	---	2.078	15.0 B	9.43	11.8	43.8	10.0	8.48	4.898	---	---	27
28	---	---	2.118	16.3 B	9.17	12.3	38.8	9.88	8.47	5.028	---	---	28
29	---	---	2.158	17.3	8.88	13.1	36.3	8.27	8.84	5.208	---	---	29
30	---		2.208	17.3	8.78	13.7	33.8	8.87	8.80	5.238	---	---	30
31	---		2.258		8.82		30.4	8.82		5.278		---	31
TOTAL	---	---	56.87	248.83	422.80	438.33	1 342.8	436.70	229.08	178.88	---	---	TOTAL
MEAN	---	---	1.88	8.23	13.8	14.8	43.3	13.8	7.84	5.78	---	---	MEAN
MAX	---	---	2.25	17.3	17.7	22.0	74.4	27.8	8.87	8.87	---	---	MAX
MIN	---	---	1.88	2.33	8.78	8.81	14.1	8.82	8.34	4.78	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 74.4 ON JUL 20
MINIMUM DAILY, 1.888 ON MAR 1
MAXIMUM INSTANTANEOUS,
74.5 AT 16:40 MST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 50 30 N
LONG 110 52 00 W
DRAINAGE AREA, 4 880 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	118 000
FEB	---	AUG	38 900
MAR	5 080	SEP	19 800
APR	21 300	OCT	15 400
MAY	36 800	NOV	---
JUN	37 700	DEC	---

TOTAL DISCHARGE, 288 000 dam³

CHRISTMAS CREEK NEAR BLUE RIDGE - STATION NO. 07AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0388	0.3708	0.882	1.06	2.75	0.881	0.782	0.344	0.2118	---	1
2	---	---	0.0408	0.3758	0.887	0.966	2.23	0.486	0.734	0.343	0.2148	---	2
3	---	---	0.0388	0.3908	0.471	0.867	1.86	0.482	0.880	0.336	0.1878	---	3
4	---	---	0.0408	0.4158	0.383	0.870	1.56	0.806	0.874	0.347	---	---	4
5	---	---	0.0508	0.6808	0.406	0.976	1.41	0.487	0.727	0.342	---	---	5
6	---	---	0.0558	0.6408	0.410	0.889	3.46	0.446	0.795	0.388	---	---	6
7	---	---	0.0638	0.5908	0.518	0.906	18.0	0.815	0.782	0.386	---	---	7
8	---	---	0.0708	0.5508	0.451	0.951	21.9	0.833	0.730	0.383	---	---	8
9	---	---	0.0608	0.5608	0.477	1.89	13.2	0.878	0.804	0.383	---	---	9
10	---	---	0.0558	0.5908	0.401	4.61	8.97	0.824	0.818	0.348	---	---	10
11	---	---	0.0708	0.6208	0.336	4.47	8.66	0.833	0.801	0.340	---	---	11
12	---	---	0.0808	0.6128	0.366	4.67	8.47	0.800	0.828	0.341	---	---	12
13	---	---	0.0908	0.7988	0.423	3.89	8.72	0.481	0.776	0.333	---	---	13
14	---	---	0.1008	0.7078	0.426	3.21	7.67	0.521	0.773	0.338	---	---	14
15	---	---	0.0908	0.7438	0.810	2.47	6.31	0.518	0.746	0.368	---	---	15
16	---	---	0.0818	0.6978	1.40	2.15	5.07	0.486	0.746	0.346	---	---	16
17	---	---	0.0758	0.7138	1.07	2.05	4.60	0.459	0.750	0.348	---	---	17
18	---	---	0.0858	0.8888	0.825	1.85	3.15	0.506	0.740	0.333	---	---	18
19	---	---	0.1108	0.7448	0.853	1.34	2.88	0.705	0.700	0.318	---	---	19
20	---	---	0.3008	0.7948	0.702	1.23	2.38	0.803	0.857	0.317	---	---	20
21	---	---	0.5008	0.8688	0.605	1.16	1.95	0.715	0.832	0.306	---	---	21
22	---	---	0.5708	0.8118	0.586	0.986	1.63	0.852	0.807	0.317	---	---	22
23	---	---	0.5008	0.6088	0.572	0.879	1.38	0.833	0.585	0.341	---	---	23
24	---	---	0.5708	0.7808	0.525	0.838	1.15	0.674	0.490	0.327	---	---	24
25	---	---	0.5508	0.8838	0.527	1.19	0.947	0.854	0.405	0.307	---	---	25
26	---	---	0.5158	0.843	0.488	1.07	0.827	0.702	0.380	0.295	---	---	26
27	---	---	0.4808	0.597	0.433	0.941	0.726	0.722	0.383	0.2748	---	---	27
28	---	---	0.4408	0.556	0.446	1.13	0.677	0.727	0.370	0.2558	---	---	28
29	---	---	0.4108	0.517	0.478	1.42	0.619	0.648	0.337	0.2388	---	---	29
30	---		0.3808	0.508	0.550	2.70	0.612	0.824	0.338	0.2288	---	---	30
31	---		0.3708		0.800		0.587	0.851		0.2188		---	31
TOTAL	---	---	8.983	18.243	17.957	63.639	137.485	18.322	18.548	9.982	---	---	TOTAL
MEAN	---	---	0.325	0.841	0.579	1.79	4.44	0.591	0.652	0.321	---	---	MEAN
MAX	---	---	0.806	0.888	1.40	4.67	21.9	0.803	0.828	0.363	---	---	MAX
MIN	---	---	0.036	0.370	0.335	0.867	0.587	0.448	0.337	0.218	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 21.9 ON JUL 8
MINIMUM DAILY, 0.0388 ON MAR 3
MAXIMUM INSTANTANEOUS,
28.3 AT 00:51 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 40 N
LONG 118 19 58 W
DRAINAGE AREA, 424 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 900
FEB	---	AUG	1 580
MAR	803	SEP	1 690
APR	1 680	OCT	861
MAY	1 550	NOV	---
JUN	4 630	DEC	---

TOTAL DISCHARGE, 24 800 dam³

CLEAR RIVER NEAR BEAR CANYON - STATION NO. 07FB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.2318	13.8	12.1	67.5 A	1.28	0.753	0.438	---	---	1
2	---	---	0 B	0.2618	12.4	10.4	38.7	1.01	0.946	0.570	---	---	2
3	---	---	0 B	0.4528	11.2	9.03	37.1 A	0.773	0.782	0.480	---	---	3
4	---	---	0 B	1.56 B	10.9	7.73	52.1	0.844	0.689	0.448	---	---	4
5	---	---	0 B	2.81 B	10.6	7.10	47.9	0.957	0.811	0.438	---	---	5
6	---	---	0 B	2.73 B	9.53	7.44	46.1	0.673	0.581	0.424	---	---	6
7	---	---	0 B	2.41 B	8.84	11.3	39.2	0.691	0.478	0.418	---	---	7
8	---	---	0 B	2.68 B	8.28	13.2	30.0	0.688	0.444	0.428	---	---	8
9	---	---	0 B	4.18 B	7.86	14.8	23.7	0.726	0.447	0.418	---	---	9
10	---	---	0 B	10.7 B	8.28	14.5	20.0	0.733	0.425	0.406	---	---	10
11	---	---	0 B	23.2 B	8.08	13.1	18.1	0.720	0.400	0.402	---	---	11
12	---	---	0 B	21.2	7.80	12.0	34.2	0.628	0.396	0.386	---	---	12
13	---	---	0 B	21.3	7.37	10.6	64.7	0.712	0.388	0.378	---	---	13
14	---	---	0 B	20.7	10.8	8.59	64.2	0.618	0.392	0.373	---	---	14
15	---	---	0 B	21.6	38.0	8.18	46.6	0.740	0.408	0.387	---	---	15
16	---	---	0 B	21.6	39.0 A	8.81	36.1	1.84	0.384	0.372	---	---	16
17	---	---	0.0018	21.8	36.8	8.14	27.7	2.90	0.373	0.385	---	---	17
18	---	---	0.0058	18.8	31.4	4.02	22.6	3.32	0.386	0.381	---	---	18
19	---	---	0.0018	18.8	24.9	3.27	18.6	5.58	0.386	0.378	---	---	19
20	---	---	0.0158	18.8 A	20.3	3.08	16.9	5.48	0.346	0.386	---	---	20
21	---	---	0.0258	18.1	18.7	3.05	13.9	5.15	0.348	0.3888	---	---	21
22	---	---	0.0308	18.8	13.7	2.88	10.7	4.15	0.347	0.3708	---	---	22
23	---	---	0.0358	18.8	12.0	2.13	8.15	3.30	0.341	0.3888	---	---	23
24	---	---	0.0458	17.2	10.8	1.78	8.24	2.71	0.350	0.3758	---	---	24
25	---	---	0.0508	16.7	8.57	1.61	8.12	2.08	0.381	0.3128	---	---	25
26	---	---	0.0408	15.8	8.47	1.41	4.46	1.82	0.388	0.3488	---	---	26
27	---	---	0.0158	15.8	7.78	1.23	3.77	1.28	0.463	0.3348	---	---	27
28	---	---	0.0308	16.0	8.84	1.37	3.08	0.883	0.462	0.3098	---	---	28
29	---	---	0.0708	15.4	7.42	3.67	2.80	0.808	0.448	0.3208	---	---	29
30	---		0.1008	14.3	11.4	55.7 A	2.08	0.783	0.438	0.3808	---	---	30
31	---		0.1388		14.0		1.58	0.710		0.3678		---	31
TOTAL	---	---	0.800	401.034	444.07	257.57	835.41	54.878	13.920	12.188	---	---	TOTAL
MEAN	---	---	0.019	13.4	14.3	8.59	26.9	1.77	0.464	0.392	---	---	MEAN
MAX	---	---	0.138	23.2	39.0	55.7	64.7	5.48	0.946	0.570	---	---	MAX
MIN	---	---	0	0.231	6.94	1.23	1.58	0.557	0.341	0.308	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.24
MAXIMUM DAILY, 64.7 ON JUL 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
80.8 AT 12:30 MST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 32 N
LONG 118 40 44 W
DRAINAGE AREA, 3 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	72 300
FEB	---	AUG	4 740
MAR	81.8	SEP	1 200
APR	24 800	OCT	1 050
MAY	38 400	NOV	---
JUN	22 300	DEC	---

TOTAL DISCHARGE, 175 000 dam³

CLEARWATER RIVER ABOVE CHRISTINA RIVER - STATION NO. 07CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.88	31.88	31.28	40.88	144	92.8	88.8	82.8	114	79.8	85.08	84.88	1
2	37.78	32.18	31.48	41.28	153	94.8	88.8	81.9	120	79.5	88.08	83.08	2
3	37.88	32.08	32.08	41.38	148	96.5	85.8	81.0	120	79.0	87.08	82.08	3
4	37.48	31.78	33.48	41.28	143	100	85.4	80.5	116	78.8	85.08	83.08	4
5	37.28	31.78	32.88	41.38	139	101	86.8	87.8	113	78.8	84.38	83.88	5
6	37.08	31.88	33.28	41.88	137	106	88.4	85.3	111	78.1	85.28	82.88	6
7	36.18	31.88	33.78	42.28	134	116	86.5	84.2	107	77.7	84.58	80.88	7
8	36.38	31.28	34.18	42.38	132	121	107	83.4	103	77.3	84.08	88.08	8
9	36.38	30.78	34.48	42.58	130	128	114	83.2	88.1	76.8	83.28	86.08	9
10	34.88	30.88	34.78	42.48	128	128	118	83.0	86.8	78.2	83.08	86.58	10
11	34.08	30.88	35.28	42.18	126	128	121	82.5	86.3	78.1	83.08	88.88	11
12	33.18	30.48	36.78	44.78	123	131	120	82.4	84.5	76.0	83.08	80.48	12
13	32.48	30.08	38.48	46.88	121	130	121	81.8	83.3	75.8	82.88	80.88	13
14	32.08	28.48	38.88	46.88	118	131	128	80.8	82.3	75.2	82.88	80.48	14
15	31.88	28.78	37.38	48.08	118	130	132	79.8	80.7	74.7	84.88	80.78	15
16	31.88	28.88	37.48	48.88	116	127	128	78.4	88.5	74.5	83.58	80.28	16
17	31.38	30.18	37.88	51.08	113	123	124	78.5	87.2	74.7	82.08	88.28	17
18	31.48	28.88	38.18	52.08	111	118	122	77.0	88.2	74.7	81.48	88.58	18
19	31.08	30.18	38.38	84.08	110	114	122	78.3	85.4	74.8	81.08	88.88	19
20	31.88	30.48	38.78	88.08	107	109	120	77.7	84.4	74.8	81.08	89.78	20
21	32.28	31.08	39.18	87.08	106	106	116	78.5	83.7	74.8	81.58	88.58	21
22	32.28	30.88	38.88	80.08	104	101	115	83.0	83.3	75.5	82.58	86.88	22
23	32.18	30.78	38.28	84.08	102	97.4	113	87.8	82.7	74.08	83.08	86.88	23
24	31.88	30.88	38.88	70.08	100	94.5	110	84.5	82.1	73.28	82.18	88.08	24
25	31.88	31.08	38.88	80.08	97.5	92.4	108	88.0	81.4	72.88	83.88	85.18	25
26	31.98	29.98	40.18	92.08	95.6	90.1	105	89.6	81.3	70.08	83.08	83.88	26
27	31.88	30.08	40.28	101 B	94.4	88.0	103	89.8	80.8	88.58	82.88	82.88	27
28	31.88	30.88	40.38	110	93.6	87.8	98.1	89.4	80.8	88.38	81.18	81.88	28
29	31.78	31.08	40.18	118	92.3	88.6	97.3	89.3	81.2	88.08	83.08	81.08	29
30	31.88		40.38	131	92.0	90.5	95.8	88.3	80.3	80.28	80.78	80.88	30
31	31.88		40.78		91.8		94.8	88.8		81.78		80.38	31
TOTAL	1 038.1	881.8	1 140.2	1 790.9	3 821.4	3 282.8	3 387.0	2 705.7	2 815.4	2 273.8	1 898.8	1 808.2	TOTAL
MEAN	33.5	30.6	36.8	59.7	117	109	109	87.3	93.8	73.3	83.3	86.3	MEAN
MAX	37.9	32.1	40.7	131	153	131	132	89.8	120	79.9	89.0	84.5	MAX
MIN	31.3	28.4	31.2	40.8	91.8	87.9	85.8	78.3	80.3	88.0	80.7	80.3	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.7
MAXIMUM DAILY, 153 ON MAY 2
MINIMUM DAILY, 28.48 ON FEB 14
MAXIMUM INSTANTANEOUS,
154 AT 11:50 MST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 39 40 N
LONG 110 55 40 W
DRAINAGE AREA, 17 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88 800	JUL	280 000
FEB	77 100	AUG	234 000
MAR	98 500	SEP	243 000
APR	155 000	OCT	196 000
MAY	313 000	NOV	164 000
JUN	282 000	DEC	155 000

TOTAL DISCHARGE, 2 300 000 dam³

CLEARWATER RIVER ABOVE LIMESTONE CREEK - STATION NO. 05DB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	8.24	8.85	18.8	23.0	15.5	13.8	---	---	1
2	---	---	---	---	8.11	8.38	15.1	25.7	14.8	14.8	---	---	2
3	---	---	---	---	8.84	8.72	15.8	24.1	14.8	14.8	---	---	3
4	---	---	---	---	8.08	8.23	16.0	28.7	15.1	14.4	---	---	4
5	---	---	---	---	8.29	10.8	15.8	34.8	15.4	14.2	---	---	5
6	---	---	---	---	8.22	13.6	27.7	31.6	15.3	13.7	---	---	6
7	---	---	---	---	8.13	26.7	28.8	28.0	15.8	13.3	---	---	7
8	---	---	---	---	8.02	75.2	22.7	23.5	15.0	13.0	---	---	8
9	---	---	---	---	8.35	56.4	21.8	21.1	13.7	12.7	---	---	9
10	---	---	---	---	7.08	38.2	21.3	21.4	15.4	12.3	---	---	10
11	---	---	---	---	7.83	25.8	21.5	21.2	14.1	12.1	---	---	11
12	---	---	---	---	8.57	22.2	23.4	19.7	13.0	11.8	---	---	12
13	---	---	---	---	15.5	18.7	21.4	18.4	12.4	11.8	---	---	13
14	---	---	---	---	15.8	17.0	18.8	18.0	11.8	11.7	---	---	14
15	---	---	---	---	12.2	16.6	17.0	18.5	11.8	11.8	---	---	15
16	---	---	---	---	10.8	15.8	15.8	19.2	13.5	11.7	---	---	16
17	---	---	---	---	11.5	23.3	14.7	20.4	15.3	11.3	---	---	17
18	---	---	---	---	11.4	27.1	14.3	21.4	14.0	10.8	---	---	18
19	---	---	---	---	10.5	24.1	13.8	21.5	14.0	10.5	---	---	19
20	---	---	---	---	9.58	20.3	12.4	20.0	13.5	10.6	---	---	20
21	---	---	---	---	8.38	18.0	12.9	19.7	13.0	10.2	---	---	21
22	---	---	---	---	7.88	16.1	14.8	16.5	12.3	10.3	---	---	22
23	---	---	---	---	8.29	15.8	15.4	17.8	12.0	10.2	---	---	23
24	---	---	---	---	11.8	20.8	14.1	17.1	12.3	10.1	---	---	24
25	---	---	---	8.51A	11.7	16.9	13.4	17.8	12.1	8.87	---	---	25
26	---	---	---	8.33	11.3	16.0	14.4	16.7	11.8	10.0	---	---	26
27	---	---	---	8.23	10.8	15.2	15.0	15.0	11.8	9.38	---	---	27
28	---	---	---	8.28	10.7	20.8	15.8	17.7	11.5	8.08	---	---	28
29	---	---	---	8.44	10.8	20.8	15.0	17.2	11.2	8.78	---	---	29
30	---		---	8.42	10.7	18.4	14.1	17.8	11.8	8.75	---	---	30
31	---		---		10.2		15.0	17.2		8.49A		---	31
TOTAL	---	---	---	---	247.58	571.88	531.8	656.4	403.4	355.80	---	---	TOTAL
MEAN	---	---	---	---	8.28	22.4	17.2	21.2	13.4	11.5	---	---	MEAN
MAX	---	---	---	---	15.8	75.2	27.7	34.8	15.8	14.8	---	---	MAX
MIN	---	---	---	---	8.84	8.72	12.4	17.1	11.2	8.49	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 75.2 ON JUN 8
MINIMUM DAILY, 8.84 ON MAY 3
MAXIMUM INSTANTANEOUS,
102 AT 11:47 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 30 N
LONG 115 28 00 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	45 900
FEB	---	AUG	58 900
MAR	---	SEP	34 900
APR	---	OCT	30 700
MAY	24 800	NOV	---
JUN	55 900	DEC	---

TOTAL DISCHARGE, 251 000 dam³

CLEARWATER RIVER AT DRAPER - STATION NO. 07CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.5B	35.5B	35.1B	46.8B	174	110E	127	161	186 E	95.4E	76.0B	73.5B	1
2	42.2B	35.5B	35.5B	46.8B	184	104	126	166	167 A	88.0A	81.5B	72.5B	2
3	42.0B	35.3B	36.6B	47.2B	183	114	126	160	160 A	85.1A	80.5B	71.5B	3
4	41.8B	35.2B	37.5B	47.2B	177	117	132	144	151	84.8A	78.5B	72.0B	4
5	41.0B	34.6B	37.7B	46.8B	174	119	132	138	148	84.3A	77.0B	72.5B	5
6	40.8B	34.3B	36.0B	46.8B	170	123A	140	131	140	84.5	76.8B	71.5B	6
7	40.5B	33.8B	36.3B	47.3B	186	133A	186	126	135	84.1	77.2B	69.4B	7
8	40.1B	33.6B	36.5B	46.0B	186	140A	196	123	129	83.0	76.0B	67.5B	8
9	39.8B	33.1B	36.4B	46.2B	185	150	214	118	123	82.1	76.0B	67.2B	9
10	39.0B	33.0B	36.5B	46.0B	183A	163	223	117	118	89.6	76.0B	66.0B	10
11	38.5B	32.9B	39.0B	46.1B	180E	168	227	115	120 A	80.1	74.8B	68.5B	11
12	37.7B	33.0B	39.9B	49.7B	187E	185	225	112	124 A	88.8	74.2B	68.5B	12
13	36.8B	32.8B	40.6B	51.1B	184E	170	228A	109	123	90.0	73.6B	70.9B	13
14	36.2B	33.0B	41.4B	52.9B	181E	173	254A	106	123	88.1	75.0B	69.4B	14
15	35.7B	33.1B	41.7B	54.0B	148E	174	288	104	121	86.9	76.2B	70.0B	15
16	35.3B	33.0B	41.9B	56.0B	144E	173	307	102	118	88.2	75.5B	69.4B	16
17	36.0B	32.9B	42.3B	56.0B	138E	169	316	101	113	87.8	73.8B	68.0B	17
18	34.9B	33.1B	42.8B	60.0B	136E	165	312	96.8	112	87.7	72.5B	67.0B	18
19	35.4B	32.9B	43.3B	62.5B	130E	160	304	96.0	108	87.1	71.7B	66.0B	19
20	36.2B	32.9B	44.1B	65.5B	126E	152	294	98.7	107	87.1	71.5B	67.7B	20
21	36.7B	32.9B	44.8B	70.0B	124E	145	282	103	105	86.9	72.0B	67.5B	21
22	37.0B	33.0B	45.0B	76.0B	121E	136	272	114	105	87.7	72.5B	66.2B	22
23	37.3B	32.8B	45.0B	92.0B	119E	132	261	121	103	88.1	73.0B	64.8B	23
24	36.8B	32.9B	45.3B	105 B	116E	126	249	129	101 A	84.2B	72.4B	63.2B	24
25	36.5B	33.1B	45.8B	120 B	115E	121	236	136	100 E	83.0B	73.5B	61.5B	25
26	36.7B	32.9B	46.2B	130 B	115E	117	222	139	99.8E	81.5B	72.4B	60.5B	26
27	36.6B	33.0B	46.1B	140 E	112E	115	208	137	99.3E	76.0B	71.8B	59.0B	27
28	36.7B	34.3B	46.3B	145 E	108E	113	196	136	96.6A	68.5B	70.4B	64.0B	28
29	35.8B	36.0B	46.1B	151	109E	120	185	135	97.7E	68.0B	72.0B	67.2B	29
30	35.8B		46.4B	155	106E	126	175	134	96.6E	71.0B	71.0B	66.3B	30
31	36.6B		46.6B		110E		167	150 A		75.0B		66.3B	31
TOTAL	1 173.4	973.4	1 284.8	2 240.7	4 432	4 179	6 786	3 842.6	3 811.0	2 892.8	2 237.3	2 062.6	TOTAL
MEAN	37.8	33.6	41.4	74.7	143	139	219	124	120	88.8	74.6	66.6	MEAN
MAX	42.5	36.5	46.5	155	184	174	316	161	167	96.0	81.5	73.5	MAX
MIN	34.9	32.8	36.1	46.6	106	106	126	96.0	96.6	88.0	70.4	66.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.1
MAXIMUM DAILY, 316 ON JUL 17
MINIMUM DAILY, 32.8B ON FEB 13
MAXIMUM INSTANTANEOUS,
317 AT 13:36 MST ON JUL 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 41 07 N
LONG 115 18 15 W
DRAINAGE AREA, 30 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	101 000	JUL	587 000
FEB	84 100	AUG	333 000
MAR	112 000	SEP	312 000
APR	194 000	OCT	233 000
MAY	383 000	NOV	193 000
JUN	361 000	DEC	178 000

TOTAL DISCHARGE, 3 070 000 dam³

CLEARWATER RIVER NEAR DOVERCOURT - STATION NO. 05DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.04B	3.73B	4.20B	6.70E	7.78	11.4	26.4	21.1	18.7	15.5	11.7	7.35B	1
2	1.92B	3.67B	4.10B	6.60E	7.68	10.6	23.5	27.4	17.7	17.0	11.7	7.20B	2
3	1.85B	3.44B	4.00B	6.90E	7.38	10.1	21.2	27.3	16.5	17.6	11.7	6.80B	3
4	1.79B	3.36B	3.90B	6.80E	7.21	9.55	20.6	24.9	15.8	17.5	11.7	6.60B	4
5	1.78B	3.33B	3.85B	7.00E	7.12	10.4	19.8	26.3	15.4	17.3	11.5	6.30B	5
6	1.77B	3.25B	3.75B	7.00E	7.50	13.0	28.5	30.7	15.4	16.9	11.3	6.00B	6
7	1.76B	3.20B	3.70B	7.10E	7.49	16.0	35.7	31.6	15.9	16.5	11.2	5.70B	7
8	1.76B	3.25B	3.60B	7.20E	7.43	30.6	31.3	29.6	16.0	16.2	11.1	5.55B	8
9	1.75B	3.30B	3.60B	7.30E	7.34	66.5	28.0	28.0	15.8	15.8	10.5	5.60B	9
10	1.80B	3.40B	3.80B	7.40E	7.34	52.6	26.6	23.9	16.5	15.8	10.0	5.70B	10
11	1.84B	3.80B	3.70B	7.62A	7.57	40.4	25.6	23.0	16.7	15.3	10.0	5.80B	11
12	1.82B	4.16B	3.80B	7.70	8.26	35.8	26.6	21.9	17.7	15.1	9.89	5.80B	12
13	2.04B	4.40B	4.00B	7.82	9.57	31.2	27.6	20.9	16.3	14.9	9.54	6.10B	13
14	2.30B	6.26B	4.10B	8.04	12.5	27.3	27.1	19.6	15.1	14.5	9.49	6.40B	14
15	2.85B	6.10B	4.40B	8.71	14.6	24.2	26.0	18.9	14.1	15.0	8.38B	6.80B	15
16	3.08B	6.08B	4.70B	8.80	13.4	22.5	18.7	19.8	14.3	15.0	8.88B	6.90B	16
17	3.60B	5.88B	5.00B	8.82	12.0	22.2	18.1	22.0	17.8	14.9	8.88B	7.40B	17
18	4.10B	5.80B	5.80B	9.33	12.5	25.4	17.0	26.7	19.1	14.6	8.80B	7.80B	18
19	4.45B	5.69B	5.80B	11.2	12.5	28.0	16.3	27.8	18.2	14.3	8.68B	8.21B	19
20	4.86B	5.65B	6.10E	12.6	11.5	27.5	15.2	26.5	18.7	13.9	8.90B	8.00B	20
21	4.83B	5.35B	6.40E	12.1	10.7	25.4	14.3	24.9	18.2	13.6	8.33B	7.40B	21
22	4.96B	5.21B	6.80E	11.3	9.88	23.5	14.2	23.5	17.0	13.6	8.10B	6.70B	22
23	5.00B	5.00B	6.70E	10.6	9.27	22.4	15.9	21.9	16.2	13.6	6.70B	6.10B	23
24	4.98B	4.80B	6.70E	9.74	8.73	22.6	15.7	20.2	17.1	13.4	6.40B	5.80B	24
25	4.86B	4.70B	6.80E	9.18	12.4	23.1	14.8	18.4	17.3	13.3	6.15B	5.00B	25
26	4.78B	4.80B	6.80E	8.88	12.3	22.7	14.1	19.4	16.7	13.7	6.50B	4.85B	26
27	4.70B	4.50B	6.50E	8.82	12.7	21.5	14.8	20.3	16.0	13.7	6.20B	4.40B	27
28	4.66B	4.40B	6.50E	8.40	11.8	23.7	15.7	20.6	15.6	12.9	6.80B	4.20B	28
29	4.41B	4.30B	6.70E	8.18	11.6	25.3	16.0	19.8	15.4	12.2B	7.20B	4.00B	29
30	4.02B		6.70E	7.98	12.7	27.7	15.1	19.3	15.1	12.1	7.40B	3.80B	30
31	3.88B		6.70E		12.6		14.6	18.9		11.8		3.70B	31
TOTAL	100.05	129.40	158.00	255.54	314.27	755.46	645.8	724.3	498.4	458.2	261.36	187.65	TOTAL
MEAN	3.23	4.46	5.10	8.52	10.1	25.2	20.8	23.4	16.6	14.8	8.36	6.05	MEAN
MAX	5.00	6.10	6.70	12.6	14.6	66.5	35.7	31.6	19.1	17.6	11.7	8.21	MAX
MIN	1.76	3.20	3.80	6.70	7.12	9.55	14.1	18.9	14.1	11.8	5.15	3.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.2
MAXIMUM DAILY, 66.5 ON JUN 9
MINIMUM DAILY, 1.76B ON JAN 7
MAXIMUM INSTANTANEOUS,
75.3 AT 09:30 MST ON JUN 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 09 N
LONG 114 51 14 W
DRAINAGE AREA, 2 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 650	JUL	55 600
FEB	11 200	AUG	62 500
MAR	13 700	SEP	43 100
APR	33 100	OCT	38 600
MAY	27 200	NOV	21 700
JUN	65 300	DEC	16 200

TOTAL DISCHARGE, 387 000 dam³

COAL LAKE RESERVOIR NEAR WETASKIWIN - STATION NO. 05AA018

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	702.671	702.854	702.855	702.718	702.884	702.874	702.585	702.713	---	702.585	702.536	702.513	1
2	702.675	702.855	702.856	702.721	702.878	702.872	702.563	702.718	---	702.598	702.537	702.513	2
3	702.675	702.850	702.855	702.720	702.876	702.860	702.585	702.708	---	702.570	702.535	702.510	3
4	702.674	702.850	702.853	702.709	702.872	702.857	702.581	702.709	---	702.577	702.532	702.510	4
5	702.674	702.848	702.853	702.704	702.867	702.880	702.584	702.713	---	702.588	702.526	702.510	5
6	702.674	702.852	702.853	702.707	702.871	702.863	702.844	702.714	702.624A	702.583	702.545	702.511	6
7	702.672	702.852	702.850	702.710	702.872	702.870	702.881	702.715	702.645	702.585	702.559	702.509	7
8	702.670	702.851	702.852	702.710	702.885	702.862	702.862	702.711	702.617	702.582	702.521	702.508	8
9	702.668	702.850	702.856	702.707	702.885	702.867	702.875	702.712	702.605	702.585	702.520	702.507	9
10	702.672	702.852	702.851	702.708	702.884	702.899	702.873	702.718	702.610	702.5[illegible]	702.519	702.508	10
11	702.675	702.858	702.848	702.708	702.884	702.908	702.871	702.718	702.603	702.581	702.521	702.507	11
12	702.674	702.859	702.849	702.703	702.854	702.906	702.744	702.701	702.612	702.584	702.520	702.511	12
13	702.673	702.857	702.849	702.703	702.848	702.901	702.788	702.701	702.601	702.582	702.521	702.518	13
14	702.672	702.858	702.851	702.705	702.884	702.885	702.780	702.701	702.602	702.585	702.518	702.511	14
15	702.672	702.871	702.849	702.713	702.848	702.859	702.775	702.886	702.611	702.585	702.520	702.508	15
16	702.668	702.868	702.849	702.713	702.836	702.871	702.780	702.881	702.628	702.585	702.521	702.508	16
17	702.671	702.868	702.851	702.889	702.850	702.886	702.772	702.887	702.617	702.583	702.520	702.508	17
18	702.668	702.866	702.852	702.702	702.823	702.862	702.778	702.871	702.600	702.571	702.518	702.510	18
19	702.668	702.868	702.858	702.710	702.828	702.851	702.788	---	702.596	702.570	702.518	702.512	19
20	702.670	702.866	702.857	702.713	702.834	702.847	702.781	---	702.602	702.564	702.518	702.510	20
21	702.668	702.868	702.858	702.708	702.818	702.830	702.788	---	702.611	702.551	702.518	702.511	21
22	702.668	702.860	702.856	702.711	702.808	702.818	702.788	---	702.608	702.572	702.514	702.508	22
23	702.670	702.857	702.851	702.718	702.818	702.820	702.746	---	702.600	702.543	702.512	702.509	23
24	702.668	702.860	702.850	702.717	702.808	702.843	702.744	---	702.598	702.545	702.512	702.510	24
25	702.669	702.864	702.853	702.717	702.803	702.816	702.735	---	702.596	702.531	702.513	702.508	25
26	702.667	702.868	702.867	702.718	702.803	702.880	702.727	---	702.593	702.566	702.512	702.508	26
27	702.667	702.858	702.851	702.718	702.802	702.878	702.731	---	702.595	702.539	702.509	702.510	27
28	702.666	702.857	702.868	702.720	702.801	702.802	702.718	---	702.592	702.528	702.512	702.508	28
29	702.664	702.858	702.897	702.718	702.802	702.803	702.718	---	702.588	702.529	702.513	702.497	29
30	702.661		702.700	702.701	702.830	702.891	702.726	---	702.601	702.531	702.513	702.497	30
31	702.658		702.707		702.891		702.713	---		702.532		702.502	31
MEAN	702.670	702.858	702.861	702.711	702.840	702.870	702.709	---	---	702.568	702.522	702.508	MEAN
MAX	702.676	702.871	702.707	702.721	702.884	702.908	702.780	---	---	702.598	702.559	702.518	MAX
MIN	702.658	702.848	702.848	702.889	702.891	702.818	702.581	---	---	702.529	702.509	702.497	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 702.780 ON JUL 14
MINIMUM DAILY, 702.497 ON DEC 29
MAXIMUM INSTANTANEOUS,
702.832 AT 11:00 MST ON JUL 22

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 07 N
LONG 113 13 09 W

A - MANUAL GAUGE

REGULATED SINCE 1973

DRAINAGE AREA,
1 240 km²

COLD LAKE AT COLD LAKE - STATION NO. 05AF002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	534.712	---	534.675	534.888	534.728	534.847	534.954	535.131	535.198	535.166	535.085E	535.003E	1
2	534.715	---	534.662	534.880	534.730A	534.848	534.957A	535.127	535.214	535.167	535.069A	535.001E	2
3	534.708	---	534.660	534.886	534.734E	534.850	534.988A	535.116	535.224	535.161	535.111	534.998E	3
4	534.688	---	534.660	534.888	534.738E	534.850	534.978	535.116	535.231	535.167	535.087	534.998E	4
5	534.689	---	534.677	534.898	534.742E	534.888	534.980A	535.118	535.233	535.157	535.089	534.993E	5
6	534.687	---	534.679	534.700	534.746E	534.882A	535.007	535.184	535.240	535.159	535.088	534.991E	6
7	534.695	---	534.679	534.704	534.750E	534.858A	534.991A	535.120	535.243	535.158	535.090	534.988A	7
8	534.695	---	534.663	534.708	534.754A	534.847A	534.978A	535.116	535.241	535.158	535.088	534.985	8
9	534.693A	---	534.668	534.711	534.757A	534.848A	534.983E	535.116	535.221	535.159	535.080	534.988	9
10	534.692A	---	534.672	534.712	534.758A	534.854	534.988E	535.112	535.231	535.164	535.073	534.982	10
11	534.692	---	534.670	534.711	534.758A	534.871	534.992E	535.113	535.221	535.152	535.102	534.961	11
12	534.691	---	534.672	534.710	534.757A	534.863	534.997E	535.116	535.218	535.156	535.084	534.978	12
13	534.690	---	534.674	534.712	534.756A	534.885	535.001E	535.116	535.218	535.155	535.087	534.980	13
14	534.691	---	534.676	534.712	534.760A	534.887A	535.003A	535.116	535.222	535.150	535.081	534.987A	14
15	534.689	---	534.676	534.714	534.766E	534.877	535.015E	535.107	535.222	535.148	535.082	---	15
16	534.686E	---	534.675	534.716	534.774A	534.878	535.024E	535.118	535.238	535.142	535.080	---	16
17	534.686E	---	534.676	534.712	534.770A	534.876	535.034E	535.164	535.234A	535.143	535.048	---	17
18	534.686E	534.687A	534.678	534.709	534.776A	534.870	535.044E	535.137	---	535.140	535.047	---	18
19	534.685E	534.684E	534.676	534.711	534.778	534.861	535.058E	535.112	---	535.137	535.043	---	19
20	534.684E	534.680E	534.675	534.713	534.780	534.858	535.068E	535.132	---	535.143	535.043	---	20
21	534.683E	534.676E	534.675	534.717	534.782	534.867	535.079E	535.176	---	535.134	535.041	---	21
22	534.682E	534.677E	534.675	534.716	534.781	534.868	535.091A	535.178	---	535.168	535.037	---	22
23	534.682E	534.677A	534.677	534.713	534.787	534.894	535.088	535.168	---	535.120	535.035	---	23
24	534.681E	534.674	534.673	534.713	534.778	534.890	535.088	535.172	---	535.117	535.027	---	24
25	534.681A	534.679	534.674	534.714	534.782	534.888	535.104	535.167	---	535.126	535.052	---	25
26	534.681A	534.682	534.674	534.715	534.785	534.880	535.108	535.208	---	535.144	535.047A	---	26
27	---	534.685	534.682	534.716	534.791	534.896	535.113	535.185	---	535.161A	535.013A	---	27
28	---	534.679	534.685	534.717	534.795	534.892A	535.108	535.184	---	535.165E	535.010E	---	28
29	---	534.687	534.685	534.720	534.800	534.880	535.115	535.204	---	535.156E	535.008E	---	29
30	---		534.687	534.726	534.811	534.955	535.131	535.204	535.184A	535.146E	535.005E	---	30
31	---		534.688		534.841		535.118	535.189		535.103E		---	31
MEAN	---	---	534.678	534.710	534.788	534.875	535.038	535.144	---	535.148	535.084	---	MEAN
MAX	---	---	534.688	534.726	534.841	534.880	535.131	535.208	---	535.167	535.111	---	MAX
MIN	---	---	534.670	534.889	534.728	534.848	534.954	535.107	---	535.103	535.006	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 15 N
LONG 110 10 55 W

A - MANUAL GAUGE

E - ESTIMATED

DRAINAGE AREA,
8 510 km²

COLOUNDUN CREEK NEAR GRANDE PRAIRIE - STATION NO. 07GE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0838	0	0.010	0.006	0	0	0	0B	---	1
2	---	---	0 B	0.0908	0.001	0.014	0	0	0	0	0B	---	2
3	---	---	0 B	0.0808	0.001	0.015	0.005	0	0	0	---	---	3
4	---	---	0 B	0.0858	0	0.017	0.006	0	0	0	---	---	4
5	---	---	0 B	0.0858	0	0.021	0.001	0	0	0	---	---	5
6	---	---	0 B	0.0808	0	0.030	0	0	0	0	---	---	6
7	---	---	0 B	0.0528	0	0.059	0	0	0	0	---	---	7
8	---	---	0 B	0.053	0	0.041	0	0	0	0	---	---	8
9	---	---	0 B	0.063	0	0.025	0	0	0	0	---	---	9
10	---	---	0 B	0.058	0	0.008	0	0	0	0	---	---	10
11	---	---	0 B	0.050	0	0.001	0	0	0	0	---	---	11
12	---	---	0.1048	0.034	0	0	0	0	0	0	---	---	12
13	---	---	0.1848	0.027	0	0	0	0	0	0	---	---	13
14	---	---	0.2488	0.025	0	0	0	0	0	0	---	---	14
15	---	---	0.1748	0.018	0	0	0	0	0	0	---	---	15
16	---	---	0.0978	0.021	0.001	0	0	0	0	0	---	---	16
17	---	---	0.0888	0.007	0.002	0	0	0	0	0	---	---	17
18	---	---	0.0728	0.016	0.002	0	0	0	0	0	---	---	18
19	---	---	0.0588	0.013	0.002	0	0	0	0	0	---	---	19
20	---	---	0.0598	0.013	0.001	0	0	0	0	0	---	---	20
21	---	---	0.0678	0.014	0.001	0	0	0	0	0	---	---	21
22	---	0B	0.0688	0.012	0.002	0	0	0	0	0	---	---	22
23	---	0B	0.0688	0.006	0.007	0.001	0	0	0	0	---	---	23
24	---	0B	0.0618	0.002	0.00	0.001	0	0	0	0	---	---	24
25	---	0B	0.0538	0.003	0.00	0.001	0	0	0	0	---	---	25
26	---	0B	0.0588	0.001	0.004	0.001	0	0	0	0	---	---	26
27	---	0B	0.0528	0	0.003	0	0	0	0	0	---	---	27
28	---	0B	0.0448	0	0.011	0	0	0	0	0	---	---	28
29	---	0B	0.0448	0	0.003	0.001	0	0	0	0B	---	---	29
30	---		0.0438	0	0.006	0.037	0	0	0	0B	---	---	30
31	---		0.0488		0.006		0			0B		---	31
TOTAL	---	---	1.875	1.001	0.053	0.283	0.017	0	0	0	---	---	TOTAL
MEAN	---	---	0.054	0.033	0.002	0.009	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.248	0.086	0.011	0.059	0.006	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.012
MAXIMUM DAILY, 0.2488 ON MAR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.2828 AT 09:30 MST ON MAR 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 07 N
LONG 119 06 43 W
DRAINAGE AREA, 130 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.47
FEB	---	AUG	0
MAR	145	SEP	0
APR	86.5	OCT	0
MAY	4.58	NOV	---
JUN	24.5	DEC	---

TOTAL DISCHARGE, 282 dam³

COLUMBINE CREEK NEAR THE MOUTH - STATION NO. 05AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 B	0.008	0.021	0.008	0	0.00E	0	---	---	1
2	---	---	---	0 B	0.005	0.014	0.007	0	0.003	0	---	---	2
3	---	---	---	0 B	0.007	0.007	0.010	0	0	0	---	---	3
4	---	---	---	0 B	0.007	0.00E	0.007	0	0	0	---	---	4
5	---	---	---	0 B	0.008	0.013	0.008	0	0	0	---	---	5
6	---	---	---	0 B	0.010	0.022	0.009	0.007	0	0	---	---	6
7	---	---	---	0 B	0.010	0.018	0.004	0.013	0.001	0	---	---	7
8	---	---	---	0 B	0.008	0.018	0	0.012	0	0	---	---	8
9	---	---	---	0 B	0.010	0.019	0	0.010	0	0	---	---	9
10	---	---	---	0 B	0.013	0.016	0	0.007	0	0	---	---	10
11	---	---	---	0 B	0.014	0.028	0	0.007	0	0	---	---	11
12	---	---	---	0 B	0.017	0.023	0	0.008	0	0	---	---	12
13	---	---	---	0 B	0.020	0.024	0	0.007	0	0	---	---	13
14	---	---	---	0 B	0.028	0.022	0.002	0.004	0	0	---	---	14
15	---	---	---	0 B	0.032	0.018	0.003	0.002	0	0	---	---	15
16	---	---	---	0 B	0.044	0.018	0.001	0	0	0.001	---	---	16
17	---	---	---	0 B	0.054	0.017	0.001	0	0	0.002	---	---	17
18	---	---	---	0 B	0.027	0.021	0.001	0.003	0	0.001	---	---	18
19	---	---	---	0 B	0.022	0.020	0.002	0.009	0	0	---	---	19
20	---	---	---	0 B	0.018	0.017	0.002	0.016	0	0.002	---	---	20
21	---	---	---	0 B	0.016	0.014	0.003	0.032	0	0.002	---	---	21
22	---	---	---	0 B	0.016	0.012	0.003	0.034	0	0.001	---	---	22
23	---	---	---	0	0.019	0.013	0.005	0.022	0	0	---	---	23
24	---	---	---	0	0.021	0.017	0.006	0.015	0	0	---	---	24
25	---	---	---	0	0.024	0.018	0.005	0.009	0	0.001A	---	---	25
26	---	---	---	0	0.024	0.013	0.004	0.005	0	0.001E	---	---	26
27	---	---	---	0	0.020	0.011	0.003	0.005	0.001	0.001E	---	---	27
28	---	---	---	0	0.020	0.010	0.003	0.003	0.001	0.001E	---	---	28
29	---	---	---	0.003	0.020	0.027	0	0.002	0	0.001E	---	---	29
30	---		---	0.014	0.023	0.020	0.004	0.008	0	0.001E	---	---	30
31	---		---		0.028		0.002	0.008		0.001E		---	31
TOTAL	---	---	---	0.017	0.598	0.514	0.099	0.260	0.011	0.018	---	---	TOTAL
MEAN	---	---	---	0.001	0.019	0.017	0.003	0.008	0	0.001	---	---	MEAN
MAX	---	---	---	0.014	0.054	0.027	0.010	0.034	0.005	0.002	---	---	MAX
MIN	---	---	---	0	0.007	0.007	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.054 ON MAY 17
MINIMUM DAILY, 0B ON APR 1
MAXIMUM INSTANTANEOUS,
0.068 AT 08:00 MST ON MAY 17

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 21 21 N
LONG 111 08 23 W
DRAINAGE AREA, 241 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.55
FEB	---	AUG	21.6
MAR	---	SEP	0.88
APR	1.47	OCT	1.38
MAY	51.7	NOV	---
JUN	46.4	DEC	---

CONNOR CREEK NEAR SANGUDO - STATION NO. 07BB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0278	0.008	0	0	0.033	0.003	0	---	---	1
2	---	---	0 B	0.0288	0.006	0	0	0.018	0.002	0	---	---	2
3	---	---	0 B	0.0288	0.003	0	0	0.016	0.001	0	---	---	3
4	---	---	0 B	0.0248	0	0	0	0.014	0.001	0	---	---	4
5	---	---	0 B	0.0228	0	0	0	0.013	0	0	---	---	5
6	---	---	0 B	0.0218	0.002	0	0.210	0.018	0	0	---	---	6
7	---	---	0 B	0.019	0.004	0	3.08	0.015	0	0	---	---	7
8	---	---	0 B	0.014	0.008	0	5.26	0.012	0	0	---	---	8
9	---	---	0 B	0.015	0.014	0.014	3.84	0.011	0	0	---	---	9
10	---	---	0 B	0.022	0.011	0.029	2.31	0.009	0	0	---	---	10
11	---	---	0.008B	0.020	0.007	0.059	1.20	0.008	0	0	---	---	11
12	---	---	0.012B	0.018	0.004	0.080	0.545	0.006	0	0	---	---	12
13	---	---	0.018B	0.016	0.003	0.073	0.237	0.004	0	0	---	---	13
14	---	---	0.026B	0.014	0.007	0.083	0.119	0.002	0	0	---	---	14
15	---	---	0.031B	0.009	0.006	0.044	0.068	0	0	0	---	---	15
16	---	---	0.030B	0.006	0.008	0.033	0.047	0.004	0	0	---	---	16
17	---	---	0.029B	0.006	0.010	0.024	0.068	0.004	0	0	---	---	17
18	---	---	0.028B	0.006	0.011	0.018	0.067	0.007	0	0	---	---	18
19	---	---	0.028B	0.018	0.010	0.014	0.068	0.003	0	0	---	---	19
20	---	---	0.028B	0.033	0.012	0.006	0.093	0.004	0	0	---	---	20
21	---	---	0.024B	0.034	0.014	0.001	0.105	0.005	0	0	---	---	21
22	---	---	0.028B	0.009	0.018	0.007	0.109	0.003	0	0	---	---	22
23	---	---	0.028B	0.003	0.028	0.008	0.093	0	0	0	---	---	23
24	---	---	0.028B	0.003	0.030	0.004	0.087	0	0	0	---	---	24
25	---	---	0.027B	0.007	0.033	0.001	0.078	0	0	0	---	---	25
26	---	---	0.027B	0.007	0.034	0.002	0.086	0.001	0	0A	---	---	26
27	---	---	0.028B	0.008	0.023	0.006	0.080	0.002	0	0E	---	---	27
28	---	---	0.028B	0.011	0.017	0.006	0.063	0.004	0	0E	---	---	28
29	---	---	0.028B	0.010	0	0.002	0.048	0.004	0	0E	---	---	29
30	---		0.030B	0.007	0	0	0.035	0.004	0	0E	---	---	30
31	---		0.029B		0		0.029	0.004		0E		---	31
TOTAL	---	---	0.530	0.482	0.331	0.492	17.887	0.217	0.007	0	---	---	TOTAL
MEAN	---	---	0.017	0.016	0.011	0.016	0.580	0.007	0	0	---	---	MEAN
MAX	---	---	0.031	0.034	0.034	0.080	5.26	0.033	0.003	0	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.082
MAXIMUM DAILY, 5.26 ON JUL 8
MINIMUM DAILY, 0B-ON MAR 1
MAXIMUM INSTANTANEOUS,
5.53 AT 04:33 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 23 N
LONG 114 50 39 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 550
FEB	---	AUG	18.7
MAR	45.8	SEP	0.80
APR	39.8	OCT	0
MAY	28.6	NOV	---
JUN	42.5	DEC	---

TOTAL DISCHARGE, 1 730 dam³

COOKING LAKE AT COOKING LAKE - STATION NO. 05EB012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	736.032	736.041	736.030	736.006	736.883E	736.828E	---	1
2	---	---	---	---	---	736.007	736.046	736.030	736.005	736.886	736.830	---	2
3	---	---	---	---	736.189	736.027	736.031	736.029E	736.000E	736.878	---	---	3
4	---	---	---	---	736.188	736.022	736.031	736.027E	735.988E	736.856	---	---	4
5	---	---	---	---	736.188	736.023	736.037	736.028	736.980	736.858	---	---	5
6	---	---	---	736.147	736.174	736.028	736.037	736.031	736.985	736.883	---	---	6
7	---	---	---	---	736.188	736.033	736.077	736.026	736.905	736.886	---	---	7
8	---	---	---	---	736.184	736.016	736.087	736.031	736.946	736.886E	---	---	8
9	---	---	---	---	736.104	736.083	736.077E	736.001	736.870	736.886E	---	---	9
10	---	---	---	---	736.102E	736.086	736.087E	736.021	736.988	736.858	---	---	10
11	---	---	---	---	736.088	736.071E	736.087	736.027	736.881	736.883	---	---	11
12	---	---	---	---	736.084	736.074	736.088	736.017	736.881	736.883	---	---	12
13	---	---	---	---	736.080	736.088	736.078	736.022	736.881	736.883	---	---	13
14	---	---	---	---	736.080	736.088	736.083	736.017	736.881	736.883	---	---	14
15	---	---	---	---	736.080	736.084	736.083	736.022	736.888	736.848	---	---	15
16	---	---	---	---	736.080	736.088	736.048	736.032	736.888	736.838	---	---	16
17	---	---	---	---	736.085	736.084	736.086	736.032	736.884E	736.838	---	---	17
18	---	---	---	---	736.085	736.084	736.083	736.023	736.882	736.838	---	---	18
19	---	---	---	---	736.080	736.084	736.084	736.023	736.017	736.818	---	---	19
20	---	---	---	---	736.080	736.035	736.084	736.013E	736.977	736.838	---	---	20
21	---	---	---	---	736.034E	736.080	736.078	736.003	736.887	736.838	---	---	21
22	---	---	736.121	---	736.017E	736.035	736.088	736.023	736.887	736.838	---	---	22
23	---	---	---	---	736.001	736.040	736.088	736.038	736.884E	736.826	---	---	23
24	---	---	---	---	736.048	736.080	736.084	736.038	736.871E	736.838E	---	---	24
25	---	736.107	---	---	736.031	736.080	736.088	736.033	736.878	736.848	---	---	25
26	---	---	---	736.128	736.038	736.035	736.088	736.028	736.878	736.886	---	---	26
27	---	---	---	---	736.028	736.046	736.086	736.024	736.863	736.808E	---	---	27
28	---	---	---	---	736.027	736.038	736.082	736.024	736.869	736.826	---	---	28
29	---	---	---	---	736.007	736.028	736.046	736.018	736.878	736.828	---	---	29
30	---		---	---	736.022	736.034E	736.036	736.884	736.858	736.828	---	---	30
31	---		---		736.022		736.030	736.884		736.828		---	31
MEAN	---	---	---	---	---	736.045	736.064	736.022	736.877	736.843	---	---	MEAN
MAX	---	---	---	---	---	736.074	736.097	736.038	736.917	736.878	---	---	MAX
MIN	---	---	---	---	---	736.007	736.030	736.884	736.805	736.808	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 24 59 N
LONG 113 07 15 W

E - ESTIMATED

DRAINAGE AREA,
198 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

COTTONWOOD CREEK NEAR TWIN BUTTE - STATION NO. 05AD903

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.268	0.211	0.149	0.041	---	0.018	0.037	0.050	---	1
2	---	---	---	0.303	0.179	0.113	0.038	---	0.018	0.038	0.043A	---	2
3	---	---	---	0.320	0.166	0.098	0.038	---	0.018	0.038	---	---	3
4	---	---	---	0.238	0.178	0.085	0.037	---	0.022	0.038	---	---	4
5	---	---	---	0.180	0.301	0.083	0.058	---	0.020	0.038	---	---	5
6	---	---	---	0.529	0.404	0.079	0.058	---	0.021	0.037	---	---	6
7	---	---	---	1.11	0.779	0.094	0.062	---	0.019	0.038	---	---	7
8	---	---	---	0.378	0.472	0.125	0.045	---	0.013	0.037	---	---	8
9	---	---	---	0.229	0.285	0.105	0.032	---	0.015	0.036	---	---	9
10	---	---	---	0.202	0.225	0.081	---	---	0.022	0.036	---	---	10
11	---	---	---	0.209	0.193	0.082	---	0.018A	0.044	0.038	---	---	11
12	---	---	---	0.216	0.181	0.088	---	0.022	0.045	0.051	---	---	12
13	---	---	---	0.204	0.174	0.083	---	0.023	0.038	0.042	---	---	13
14	---	---	---	0.189	0.169	0.074	---	0.018	0.033	0.038	---	---	14
15	---	---	---	0.204	0.158	0.071	---	0.023	0.029	0.040	---	---	15
16	---	---	0.087A	0.194	0.153	0.067	---	0.031	0.028	0.042	---	---	16
17	---	---	---	0.180	0.151	0.062	---	0.030	0.048	0.043	---	---	17
18	---	---	---	0.185	0.145	E.055	---	0.024	0.051	0.038	---	---	18
19	---	---	0.186	0.176	0.144	0.048	---	0.020	0.048	0.039	---	---	19
20	---	---	0.630	0.170	0.140	0.044	---	0.025	0.049	0.040	---	---	20
21	---	---	0.513	0.164	0.138	0.055	---	0.035	0.042	0.036	---	---	21
22	---	---	0.256	0.164	0.129	0.057	---	0.028	0.033	0.037	---	---	22
23	---	---	0.183	0.155	0.126	0.047	---	0.023	0.028	0.038	---	---	23
24	---	---	0.177	0.159	0.124	0.032	---	0.021	0.030	0.039	---	---	24
25	---	---	0.139	0.217	0.139	0.029	---	0.019	0.033	0.037	---	---	25
26	---	---	0.224	0.259	0.122	0.024	---	0.027	0.033	0.048	---	---	26
27	---	---	0.328	0.412	0.111	0.022	---	0.026	0.040	0.047	---	---	27
28	---	---	0.177	0.433	0.116	0.036	---	0.033	0.048	0.045	---	---	28
29	---	---	0.163	0.313	0.118	0.052	---	0.024	0.039	0.078	---	---	29
30	---		0.176	0.246	0.136	0.047	---	0.020	0.042	0.085	---	---	30
31	---		0.197		0.223		---	0.020		E.086		---	31
TOTAL	---	---	---	8.208	6.276	2.076	---	---	0.861	1.286	---	---	TOTAL
MEAN	---	---	---	0.274	0.202	0.069	---	---	0.032	0.042	---	---	MEAN
MAX	---	---	---	1.11	0.779	0.149	---	---	0.051	0.078	---	---	MAX
MIN	---	---	---	0.155	0.111	0.022	---	---	0.013	E.034	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.779 ON MAY 7

MAXIMUM INSTANTANEOUS,
2.00 AT 05:05 MST ON MAY 7

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 35 N
LONG 113 50 50 W
DRAINAGE AREA, 34.2 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	63.0
APR	709	OCT	113
MAY	542	NOV	---
JUN	180	DEC	---

COYOTE CREEK NEAR CHERMILL - STATION NO. 07BB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0018	0.003	0.011	E.059	0.007	0	0	0	---	1
2	---	---	0 B	0.0018	0.003	0.010	E.053	0.007	0	0	---	---	2
3	---	---	0 B	0.0028	0.002	0.007	E.049	0.006	0	0	---	---	3
4	---	---	0 B	0.0028	0.002	0.006	E.043	0.005	0	0	---	---	4
5	---	---	0 B	0.0028	0.003	0.006	0.044	0.004	0	0	---	---	5
6	---	---	0 B	0.0028	0.002	0.006	1.08	0.006	0	0	---	---	6
7	---	---	0 B	0.0028	0.002	0.006	0.867	0.006	0	0	---	---	7
8	---	---	0 B	0.0028	0.002	0.007	2.55	0.006	0	0	---	---	8
9	---	---	0 B	0.0028	0.002	0.026	2.17	0.006	0	0	---	---	9
10	---	---	0 B	0.0028	0.002	0.018	1.44	0.004	0	0	---	---	10
11	---	---	0 B	0.003	0.002	0.041	0.988	0.004	0	0	---	---	11
12	---	---	0 B	0.003	0.002	0.152	0.713	0.004	0	0	---	---	12
13	---	---	0 B	0.003	0.002	0.210	0.553	0.003	0	0	---	---	13
14	---	---	0.0018	0.003	0.002	0.300	0.417	0.002	0	0	---	---	14
15	---	---	0.0028	0.003	0.002	0.345	0.322	0.002	0	0	---	---	15
16	---	---	0.0028	0.003	0.002	0.326	0.242	0.001	0	0	---	---	16
17	---	---	0.0028	0.003	0.001	0.270	0.176	0.001	0	0	---	---	17
18	---	---	0.0028	0.003	0.001	0.207	0.122	0.003	0	0	---	---	18
19	---	---	0.0028	0.004	0.001	0.153	0.090	0.003	0.002	0	---	---	19
20	---	---	0.0028	0.004	0.001	0.113	0.070	0.004	0.002	0	---	---	20
21	---	---	0.0028	0.003	0	0.084	0.057	0.004	0.002	0	---	---	21
22	---	---	0.0028	0.003	0	0.068	0.048	0.004	0.001	0	---	---	22
23	---	0B	0.0018	0.003	0	0.057	0.038	0.003	0.001	0	---	---	23
24	---	0B	0.0018	0.003	0	0.053	0.033	0.003	0	0	---	---	24
25	---	0B	0.0018	0.003	0	0.050	0.027	0.002	0	0	---	---	25
26	---	0B	0.0018	0.003	0	0.050	0.020	0.002	0.001	0	---	---	26
27	---	0B	0.0018	0.003	0	E.059	0.018	0.002	0.001	0	---	---	27
28	---	0B	0.0018	0.003	0	E.058	0.014	0.002	0.001	0	---	---	28
29	---	0B	0.0018	0.003	0.001	0.058	0.012	0.001	0.001	0	---	---	29
30	---		0.0018	0.003	0.005	E.062	0.010	0	0.001	0	---	---	30
31	---		0.0018		0.011		0.007	0		0		---	31
TOTAL	---	---	0.028	0.081	0.065	2.819	12.400	0.102	0.013	0	---	---	TOTAL
MEAN	---	---	0.001	0.003	0.002	0.094	0.400	0.003	0	0	---	---	MEAN
MAX	---	---	0.002	0.004	0.011	0.345	2.55	0.007	0.002	0	---	---	MAX
MIN	---	---	0	0.001	0	0.005	0.007	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.063
MAXIMUM DAILY, 2.55 ON JUL 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.80 AT 13:30 MST ON JUL 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 52 23 N
LONG 114 40 10 W
DRAINAGE AREA, 97.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 070
FEB	---	AUG	8.81
MAR	2.38	SEP	1.12
APR	7.00	OCT	0
MAY	4.78	NOV	---
JUN	244	DEC	---

TOTAL DISCHARGE, 1 340 dam³

CRESSDAY RESERVOIR NEAR CRESSDAY - STATION NO. 11AB007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	982.470	---	---	---	---	5
6	---	---	---	983.252	983.208	---	982.707	---	---	982.188	---	---	6
7	---	---	983.133	983.248E	983.198E	982.908	982.688E	982.454E	982.272	982.184E	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	982.842	---	---	---	---	---	14
15	---	---	---	983.287	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	982.848	---	982.486	982.266	---	---	---	16
17	---	---	983.187	983.198E	983.043	982.843E	982.619E	982.403E	982.247E	982.158	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	982.253	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	983.092	---	---	---	---	---	---	---	---	---	---	24
25	---	983.084E	---	983.167	---	---	982.580	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	983.174E	---	982.782	---	---	982.217E	---	---	---	27
28	---	---	983.188E	---	982.987E	---	982.533E	982.341E	---	982.140E	---	---	28
29	---	983.108E	983.189	---	---	---	---	---	---	---	---	---	29
30	---	---	---	983.186E	982.878	982.744E	---	982.330	982.207E	---	---	---	30
31	---		983.210E		982.886E		982.908E	982.328E		982.133		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 983.252 ON APR 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 14 02 N
LONG 110 15 40 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 84.6 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CROWFOOT CREEK NEAR CLUNY - STATION NO. 05BH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0088	0.1618	0.004	1.29	1.71	0.883	1.48	1.80	---	---	1
2	---	---	0.0238	0.2618	0.008	1.32	1.87	1.21	1.30	1.61	---	---	2
3	---	---	0.0148	0.4388	0.022	1.35	2.10	2.00	1.22	1.38	---	---	3
4	---	---	0.0388	0.6418	0.237	1.20	2.18	2.80	1.18	1.40	---	---	4
5	---	---	0.0238	0.3438	0.518	0.884	2.31	2.84	1.20	1.41	---	---	5
6	---	---	0.0178	0.8588	0.413	0.958	2.28	2.73	1.31	1.26	---	---	6
7	---	---	0.0118	2.04	0.362	1.16	2.32	2.88	1.28	1.32	---	---	7
8	---	---	0.0108	1.28	0.478	1.61	2.38	2.20	1.28	0.812	---	---	8
9	---	---	0.0188	0.778	0.726	2.28	2.38	1.88	1.22	0.684	---	---	9
10	---	---	0.0438	0.804	0.807	2.77	2.08	1.89	1.22	0.468	---	---	10
11	---	---	0.0308	0.524	0.725	3.72	1.98	1.88	1.28	0.272	---	---	11
12	---	---	0.0248	0.351	0.588	3.82	1.94	1.98	1.23	0.170	---	---	12
13	---	---	0.0218	0.283	0.458	3.13	1.84	2.08	1.14	0.128	---	---	13
14	---	---	0.0218	0.278	0.383	2.60	1.88	2.17	1.13	0.080	---	---	14
15	---	---	0.0238	0.188	0.408	2.40	1.48	2.12	1.12	0.087	---	---	15
16	---	---	0.0238	0.141	0.514	2.18	1.38	2.07	1.07	0.068	---	---	16
17	---	---	0.0188	0.118	0.578	1.83	1.31	2.01	1.22	0.080	---	---	17
18	---	---	0.0198	0.107	0.783	1.37	1.28	1.89	1.20	0.042	---	---	18
19	---	---	0.1028	0.087	0.905	1.18	1.21	1.82	1.35	0.058	---	---	19
20	---	---	0.1868	0.068	0.928	1.11	1.01	1.88	1.82	0.113	---	---	20
21	---	---	0.1278	0.061	0.938	1.05	0.828	2.25	1.80	0.137	---	---	21
22	---	---	0.0838	0.050	0.928	0.947	0.758	2.40	1.83	0.078	---	---	22
23	---	---	0.0818	0.040	0.988	1.01	0.701	2.38	1.81	0.088	---	---	23
24	---	0 B	0.0858	0.038	0.982	1.05	0.845	2.44	1.88	0.088	---	---	24
25	---	0 B	0.1328	0.038	1.02	1.08	0.723	2.61	1.88	0.084	---	---	25
26	---	0 B	0.1208	0.032	1.08	1.02	0.840	2.48	1.73	0.082	---	---	26
27	---	0.001B	0.0278	0.028	0.841	0.908	0.844	2.24	1.80	0.073	---	---	27
28	---	0 B	0.0088	0.018	0.884	0.870	0.775	2.00	1.84	0.071	---	---	28
29	---	0 B	0.0108	0.018	0.872	1.04	0.735	1.68	1.73	0.080	---	---	29
30	---		0.0158	0.012	0.821	1.37	0.867	1.84	1.72	0.084	---	---	30
31	---		0.0578		1.13		0.828	1.52		0.052A		---	31
TOTAL	---	---	1.405	10.134	25.389	46.414	45.389	84.873	41.70	13.828	---	---	TOTAL
MEAN	---	---	0.045	0.338	0.858	1.61	1.48	2.06	1.39	0.448	---	---	MEAN
MAX	---	---	0.188	2.04	1.13	3.82	2.38	2.84	1.84	1.80	---	---	MAX
MIN	---	---	0.008	0.012	0.004	0.870	0.888	0.883	1.07	0.042	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.00
MAXIMUM DAILY, 3.82 ON JUN 12
MINIMUM DAILY, 0.004 ON MAY 1
MAXIMUM INSTANTANEOUS,
4.25 AT 22:00 MST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 00 N
LONG 112 45 40 W
DRAINAGE AREA, 1 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1914

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 930
FEB	---	AUG	5 580
MAR	121	SEP	3 600
APR	878	OCT	1 190
MAY	1 760	NOV	---
JUN	4 180	DEC	---

TOTAL DISCHARGE, 21 200 dam³

CROWSNEST RIVER AT FRANK - STATION NO. 05AA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800B	1.00 B	0.900	0.885	3.78	10.0	4.73	2.21	1.88	2.01	1.89	1.16	1
2	0.880B	0.978	0.923	1.14	3.53	9.17	4.61	2.48	1.87	2.11	1.90	1.11	2
3	0.780B	0.888	0.883	1.36	3.41	8.44	4.80	2.24	1.88	2.07	2.01	1.18	3
4	0.880B	0.880	0.871	1.23	3.57	8.84	4.48	2.25	1.88	2.01	1.85	1.18	4
5	0.943B	0.848	0.928	1.17	4.04	9.73	4.69	2.13	1.89	1.97	1.80	1.16	5
6	1.15	0.842	0.818	1.47	4.47	10.5	4.78	2.10	1.88	1.89	2.30	1.15	6
7	1.08	0.889	0.879	2.08	4.81	12.2	4.35	2.11	1.85	1.80	2.27	1.05	7
8	0.958B	0.878	0.905	1.78	4.83	15.3	4.02	2.18	1.83	1.72	2.08	0.882	8
9	1.10	0.938B	0.881	1.58	5.47	13.9	3.88	1.98	1.82	1.86	1.82	1.20	9
10	1.12	0.910B	0.889	1.48	6.71	12.5	3.81	1.91	1.85	1.84	1.87	1.14	10
11	1.17	0.880	0.848	1.52	8.28	11.5	3.80	1.87	1.83	1.81	1.88	1.06	11
12	1.18 B	1.07	0.832	1.84	10.1	10.3	3.85	1.88	1.88	1.87	1.80	1.19	12
13	1.14	1.02	0.844	2.01	11.8	9.48	3.46	1.88	1.84	1.81	1.75	1.37	13
14	1.19	0.952	0.882	2.30	10.4	8.78	3.37	1.82	1.80	1.83	1.84	1.18 B	14
15	1.19	0.880	0.874	2.73	8.84	8.38	3.33	1.75	1.45	1.76	1.88	0.718B	15
16	1.18	0.884	0.885	3.37	8.48	8.38	3.31	1.78	1.41	2.18	1.84	0.822B	16
17	1.18	0.838	0.885	3.78	8.06	8.83	3.18	1.72	1.80	2.15	1.84	0.804B	17
18	1.17	0.888	0.885	4.23	8.74	8.84	3.08	1.71	1.80	2.02	1.87	1.05	18
19	1.08	0.842	0.830	4.55	8.03	8.19	2.88	1.85	1.82	1.88	1.85	1.07	19
20	1.00	0.887	0.858	4.37	7.80	7.88	2.88	1.88	1.85	1.76	1.85	0.888	20
21	1.07	0.818	1.00	4.11	7.28	7.82	2.77	1.73	1.87	1.73	1.48	1.02	21
22	1.07	0.788	0.852	3.78	7.80	7.28	2.88	1.82	1.48	1.73	1.83	0.878	22
23	1.08	0.7708	0.838	3.85	8.85	8.84	2.89	1.88	1.48	1.88	1.87	0.858	23
24	1.08 B	0.783	0.826	3.88	8.37	8.84	2.83	1.85	1.84	1.81	1.24	0.813B	24
25	1.02	0.880	0.800	3.51	8.82	8.21	2.44	1.81	1.84	1.80	1.28	0.788B	25
26	1.08	0.871	1.03	3.30	8.37	8.87	2.38	1.84	2.02	1.88	1.03	0.744B	26
27	1.08	0.830	1.20	3.18	8.48	8.78	2.28	1.88	1.77	1.81	1.08B	0.782	27
28	1.12	0.820	1.05	3.27	8.43	8.80	2.23	1.83	1.78	1.70	1.18	0.887	28
29	1.15	0.828	1.01	3.71	8.40	8.81	2.15	1.78	1.70	1.82	1.17	0.843	29
30	1.10 B		0.887	3.82	8.73	8.24	2.07	1.74	1.78	1.88	1.18	1.03	30
31	1.05 B		0.848		10.8		2.01	1.70		1.88		0.881B	31
TOTAL	32.808	26.303	28.832	81.158	232.42	283.78	102.87	58.18	49.21	55.26	48.89	31.118	TOTAL
MEAN	1.05	0.807	0.830	2.71	7.50	8.78	3.32	1.88	1.84	1.78	1.83	1.00	MEAN
MAX	1.19	1.07	1.20	4.55	11.8	15.3	4.78	2.48	2.02	2.18	2.30	1.37	MAX
MIN	0.800	0.783	0.832	0.885	3.41	8.24	2.01	1.88	1.41	1.81	1.03	0.822	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 15.3 ON JUN 8
MINIMUM DAILY, 0.800B ON JAN 1
MAXIMUM INSTANTANEOUS,
15.8 AT 01:05 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 49 N
LONG 114 24 33 W
DRAINAGE AREA, 404 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 820	JUL	8 800
FEB	2 270	AUG	5 030
MAR	2 480	SEP	4 250
APR	7 010	OCT	4 770
MAY	20 100	NOV	4 230
JUN	22 800	DEC	2 690

TOTAL DISCHARGE, 87 400 dam³

CUTBANK RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.781B	0.978B	2.83	1.45	4.02	0.788	0.837	0.883	0.421B	---	1
2	---	---	0.772B	1.02 B	2.40	1.86	2.85	0.768	0.827	0.877	---	---	2
3	---	---	0.812B	1.28 B	2.12	1.84	3.27	0.774	0.818	0.874	---	---	3
4	---	---	0.808B	1.28 B	2.02	1.41	3.32	0.776	0.814	0.873	---	---	4
5	---	---	0.782B	1.23 B	1.84	1.45	3.04	0.788	0.810	0.887	---	---	5
6	---	---	0.778B	1.21 B	1.83	5.47	8.12	0.747	0.818	0.888	---	---	6
7	---	---	0.742B	1.07 B	1.84	11.9	4.42	0.787	0.848	0.888	---	---	7
8	---	---	0.783B	1.14 B	1.88	11.7	3.84	0.787	0.841	0.884	---	---	8
9	---	---	0.828B	1.26 B	2.04	8.77	2.78	0.747	0.848	0.880	---	---	9
10	---	---	0.817B	1.58 B	2.08	8.88	2.34	0.732	0.858	0.847	---	---	10
11	---	---	0.780B	2.08 B	2.00	7.44	2.58	0.728	0.880E	0.844	---	---	11
12	---	---	0.813B	2.25 B	1.88	12.2	7.01	0.728	0.885E	0.842	---	---	12
13	---	---	0.881B	2.44 B	1.84	8.88	5.08	0.715	0.880E	0.838	---	---	13
14	---	---	0.886B	2.71 B	1.87	6.38	3.82	0.708	0.870E	0.838	---	---	14
15	---	---	0.810B	3.85 B	1.71	4.88	2.75	0.884	0.880E	0.834	---	---	15
16	---	---	0.712B	5.01 B	1.58	4.12	2.17	0.888	0.885E	0.832	---	---	16
17	---	---	0.708B	5.10 B	1.48	3.81	1.74	0.728	0.880E	0.832	---	---	17
18	---	---	0.694B	5.25 B	1.38	2.85	1.43	0.803	0.720E	0.826	---	---	18
19	---	---	0.718B	5.52 B	1.33	2.62	1.28	0.842	0.710E	0.837	---	---	19
20	---	---	0.788B	5.10	1.28	2.40	1.12	0.887	0.700E	0.838	---	---	20
21	---	---	0.863B	4.87	1.28	2.34	0.987	0.858	0.890E	0.842	---	---	21
22	---	---	0.837B	4.15	1.22	2.17	0.942	0.821	0.885E	0.838	---	---	22
23	---	0.738B	0.850B	3.82	1.23	2.07	0.885	0.780	0.883E	0.838	---	---	23
24	---	0.760B	0.834B	3.16	1.26	1.86	0.862	0.751	0.880E	0.838	---	---	24
25	---	0.730B	0.841B	3.03	1.32	1.71	0.845	0.731	0.875E	0.838	---	---	25
26	---	0.725B	0.855B	2.91	1.28	1.84	0.822	0.701	0.880E	0.837	---	---	26
27	---	0.706B	0.834B	2.82	1.23	1.84	0.813	0.880	0.888A	0.852B	---	---	27
28	---	0.682B	0.818B	3.16	1.20	2.09	0.800	0.878	0.888	0.874B	---	---	28
29	---	0.735B	0.772B	3.28	1.42	2.39	0.785	0.870	0.888	0.838B	---	---	29
30	---		0.771B	3.38	1.48	5.23	0.779	0.885	0.888	0.880B	---	---	30
31	---		0.861B		1.48		0.788	0.851		0.448B	---	---	31
TOTAL	---	---	24.828	85.585	51.93	132.33	74.277	23.083	19.883	19.783	---	---	TOTAL
MEAN	---	---	0.801	2.85	1.68	4.41	2.40	0.745	0.888	0.838	---	---	MEAN
MAX	---	---	0.888	5.52	2.83	12.2	7.01	0.887	0.720	0.888	---	---	MAX
MIN	---	---	0.884	0.978	1.20	1.41	0.788	0.851	0.810	0.448	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.78
MAXIMUM DAILY, 12.2 ON JUN 12
MINIMUM DAILY, 0.448B ON OCT 31
MAXIMUM INSTANTANEOUS,
13.3 AT 06:00 MST ON JUN 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 30 57 N
LONG 118 57 47 W
DRAINAGE AREA, 844 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 420
FEB	---	AUG	2 000
MAR	2 140	SEP	1 720
APR	7 280	OCT	1 710
MAY	4 480	NOV	---
JUN	11 400	DEC	---

TOTAL DISCHARGE, 37 200 dam³

DAPP CREEK AT HIGHWAY NO. 44 - STATION NO. 07BC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.070B	0.008E	0.001E	0.001	0.034	0.042	0.001	---	---	1
2	---	---	0 B	0.074B	0.008E	0.001E	0.001	0.04	0.036	0.001	---	---	2
3	---	---	0 B	0.078B	0.008E	0.001E	0.001	0.048	0.028	0.011	---	---	3
4	---	---	0 B	0.082B	0.008E	0.001E	0.001	0.048	0.023	0.022	---	---	4
5	---	---	0 B	0.088B	0.008E	0.001E	0.001	0.038	0.022	0.009	---	---	5
6	---	---	0 B	0.050	0.008E	0.001E	0.414	0.044	0.019	0.003	---	---	6
7	---	---	0 B	0.084B	0.008E	0.001E	0.497	0.054	0.022	0.001	---	---	7
8	---	---	0 B	0.088B	0.008E	0.001E	0.380	0.065	0.050	0.001	---	---	8
9	---	---	0 B	0.088B	0.008E	0.001E	0.238	0.038	0.078	0.001	---	---	9
10	---	---	0 B	0.072B	0.008E	0.003E	0.157	0.031	0.188	0.001	---	---	10
11	---	---	0 B	0.063B	0.007E	0.007E	0.078	0.023	0.134	0.001	---	---	11
12	---	---	0 B	0.063B	0.008E	0.030E	0.078	0.012	0.056	0.001	---	---	12
13	---	---	0 B	0.063B	0.013E	0.030E	0.132	0.012	0.027	0.010	---	---	13
14	---	---	0 B	0.061B	0.013E	0.010E	0.226	0.008	0.051	0.023	---	---	14
15	---	---	0 B	0.040B	0.015E	0.008E	0.257	0.004	0.097	0.021	---	---	15
16	---	---	0 B	0.020	0.015E	0.007E	0.097	0.002	0.106	0.008	---	---	16
17	---	---	0 B	0.018E	0.013E	0.006E	0.055	0.004	0.060	0.006	---	---	17
18	---	---	0 B	0.017E	0.011E	0.006E	0.083	0.013	0.022	0.008	---	---	18
19	---	---	0 B	0.018E	0.009E	0.005E	0.117	0.027	0.032	0.043	---	---	19
20	---	---	0 B	0.014E	0.007E	0.005	0.084	0.056	0.049	0.083	---	---	20
21	---	---	0 B	0.013E	0.006E	0.005E	0.032	0.043	0.023	0.091	---	---	21
22	---	OB	0 B	0.012E	0.005E	0.005E	0.025	0.027	0.020	0.088	---	---	22
23	---	OB	0 B	0.011E	0.003E	0.020E	0.027	0.022	0.028	0.100	---	---	23
24	---	OB	0 B	0.010E	0.002E	0.027	0.048	0.018	0.018	0.102	---	---	24
25	---	OB	0 B	0.009	0.001	0.010	0.153	0.018	0.008	0.107	---	---	25
26	---	OB	0 B	0.008E	0.001E	0.001	0.215	0.010	0.014	0.105B	---	---	26
27	---	OB	0 B	0.008E	0.001E	0.001	0.208	0.043	0.027	0.104B	---	---	27
28	---	OB	0 B	0.007E	0.001E	0.001	0.191	0.056	0.018	0.103	---	---	28
29	---	OB	0.001B	0.007E	0.001E	0.001	0.170	0.050	0.003	0.107	---	---	29
30	---		0.002B	0.008E	0.001E	0.001	0.150	0.080	0.002	0.175	---	---	30
31	---		0.030B		0.001E		0.118	0.053		0.117		---	31
TOTAL	---	---	0.033	1.157	0.186	0.198	4.181	1.078	1.317	1.447	---	---	TOTAL
MEAN	---	---	0.001	0.038	0.008	0.007	0.135	0.035	0.044	0.047	---	---	MEAN
MAX	---	---	0.030	0.088	0.015	0.030	0.497	0.084	0.188	0.175	---	---	MAX
MIN	---	---	0	0.008	0.001	0.001	0.001	0.002	0.002	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 0.497 ON JUL 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.774 AT 05:23 MST ON JUL 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 15 30 N
LONG 113 50 55 W
DRAINAGE AREA, 583 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	381
FEB	---	AUG	83.0
MAR	2.85	SEP	114
APR	100	OCT	125
MAY	16.1	NOV	---
JUN	17.1	DEC	---

TOTAL DISCHARGE, 829 dam³

DEADFISH INFLOW CANAL NEAR CESSFORD - STATION NO. 05CH012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.758	0.722	0.606	0.703	1.21	0.050	0E	---	1
2	---	---	0	0	0.713	0.651	0.639	0.582	0.841	0.051	0A	---	2
3	---	---	0	0	0.688	0.644	0.724	0.567	0.653	0.052	---	---	3
4	---	---	0	0	0.693	0.657	0.699	0.536	0.824	0.058A	---	---	4
5	---	---	0	0	0.647	0.659	0.719	0.528	0.638	0.058E	---	---	5
6	---	---	0	0	0.585	0.653	0.518	0.535	0.671	0.040E	---	---	6
7	---	---	0	0	0.578	0.581	0.278	0.081	0.643	0 E	---	---	7
8	---	---	0	0	0.580	0.727	0.417	0.072	0.847	0 E	---	---	8
9	---	---	0	0	0.578	0.707	0.512	0.080	0.806	0 E	---	---	9
10	---	---	0	0	0.582	0.671	0.909	0.012	0.817	0 E	---	---	10
11	---	---	0	0	0.583	0.656	1.44	0.188	0.814	0 E	---	---	11
12	---	---	0	0	0.718	0.677	1.28 E	0.739	0.812	0 E	---	---	12
13	---	---	0	0	0.699	0.666	1.08 E	0.709	0.898	0 E	---	---	13
14	---	---	0	0	0.762	0.728	0.824	0.895	0.905	0 E	---	---	14
15	---	0	0	0	0.763	0.734	0.774	0.642	0.824	0 E	---	---	15
16	---	0	0	0	0.720	0.777	0.695	0.661	0.756	0 E	---	---	16
17	---	0	0	0	0.674	0.777	0.623	0.594	0.077	0 E	---	---	17
18	---	0	0	0	0.707	0.784	0.576	0.276	0.026	0 E	---	---	18
19	---	0	0	0	0.691	0.778	0.434	0.137	0.026	0 E	---	---	19
20	---	0	0	0	0.624	0.778	0.568	0.143	0.027	0 E	---	---	20
21	---	0	0	0	0.602	0.624	0.548	0.170	0.028	0 E	---	---	21
22	---	0	0	0	0.607	0.622	0.496	0.078	0.030	0.038E	---	---	22
23	---	0	0	0	0.600	0.609	0.487	0.012A	0.032	0.038E	---	---	23
24	---	0	0	0	0.648	0.535	0.520	0.068E	0.033	0.038E	---	---	24
25	---	0	0	0	0.718	0.509	0.524	0.155E	0.035	0 E	---	---	25
26	---	0	0	0	0.718	0.582	0.596	0.151E	0.038A	0 E	---	---	26
27	---	0	0	0.588A	0.715	0.590	0.563	0.197E	0.042E	0 E	---	---	27
28	---	0	0	0.580	0.714	0.584	0.621	0.244E	0.045E	0 E	---	---	28
29	---	0	0	0.661	0.602	0.602	0.703	0.288A	0.049A	0 E	---	---	29
30	---		0	0.710	0.717	0.582	0.708	0.515	0.051	0 E	---	---	30
31	---		0		0.708		0.683	1.12		0 E		---	31
TOTAL	---	---	0	2.559	21.383	19.525	20.632	8.998	14.897	0.419	---	---	TOTAL
MEAN	---	---	0	0.085	0.690	0.651	0.672	0.322	0.497	0.014	---	---	MEAN
MAX	---	---	0	0.710	0.788	0.784	1.44	1.12	1.21	0.058	---	---	MAX
MIN	---	---	0	0	0.600	0.509	0.276	0.012	0.026	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.367
MAXIMUM DAILY, 1.44 ON JUL 11
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 53 N
LONG 111 46 32 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 800
FEB	---	AUG	854
MAR	0	SEP	1 290
APR	221	OCT	38.2
MAY	1 850	NOV	---
JUN	1 710	DEC	---

TOTAL DISCHARGE, 7 770 dam³

DEEP VALLEY CREEK NEAR VALLEYVIEW - STATION NO. 07F7008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.850B	2.12B	3.80	2.09	21.4	1.48	0.879	1.13	0.880B	---	1
2	---	---	0.790B	2.07B	3.28	2.48	13.8	1.57	0.868	1.07	0.850B	---	2
3	---	---	0.820B	2.43B	2.96	2.44	14.3	1.44	0.884	1.04	0.890B	---	3
4	---	---	0.800B	2.60B	2.78	2.08	10.1	1.38	0.848	1.00	---	---	4
5	---	---	0.630B	2.32B	2.84	1.83	8.81	1.31	0.938	0.990	---	---	5
6	---	---	0.850B	2.21B	2.82	4.81	9.49	1.28	1.03	0.988	---	---	6
7	---	---	0.880B	2.32B	2.80	8.73	11.8	1.28	1.36	0.881	---	---	7
8	---	---	0.900B	2.22B	2.70	11.7	9.16	1.20	1.29	0.824	---	---	8
9	---	---	0.848B	2.31B	2.72	23.8	7.11	1.23	1.19	0.807	---	---	9
10	---	---	0.945B	2.85B	2.87	24.1	5.86	1.22	1.14	0.814	---	---	10
11	---	---	0.908B	2.98B	3.62	81.2	5.43	1.20	1.02	0.928	---	---	11
12	---	---	0.908B	2.76B	2.52	67.6	15.1	1.18	0.912	0.817	---	---	12
13	---	---	0.948B	3.08B	2.56	38.3	13.2	1.18	0.800	0.810	---	---	13
14	---	---	0.956B	3.51B	3.46	29.1	9.36	1.15	0.780	0.881	---	---	14
15	---	---	0.947B	5.24B	3.24	20.2	7.17	1.17	0.886	0.871	---	---	15
16	---	---	0.984B	8.00B	2.71	14.5	5.89	1.21	1.03	0.871	---	---	16
17	---	---	0.988B	8.25	2.46	10.9	4.86	1.33	1.03	0.974	---	---	17
18	---	---	1.05 B	8.00	2.21	8.46	4.59	1.37	1.01	0.934	---	---	18
19	---	---	1.13 B	7.56	1.98	6.68	3.89	1.31	1.09	0.941	---	---	19
20	---	---	1.24 B	6.87	1.91	5.30	3.41	1.40	1.23	0.990	---	---	20
21	---	---	1.37 B	5.72	1.80	4.72	2.83	1.37	1.19	0.988	---	---	21
22	---	---	1.27 B	5.78	1.71	3.82	2.61	1.28	1.15	1.07	---	---	22
23	---	---	1.30 B	5.55	1.70	3.68	2.22	1.17	1.11	1.00	---	---	23
24	---	---	1.27 B	5.30	1.84	3.80	2.02	1.12	1.08	0.884	---	---	24
25	---	---	1.26 B	4.84	1.89	3.14	1.77	1.09	1.09	0.894	---	---	25
26	---	---	1.20 B	4.26	1.67	2.86	1.64	1.06	1.14	0.940B	---	---	26
27	---	---	1.08 B	4.14	1.55	3.61	1.55	1.05	1.09	0.830B	---	---	27
28	---	---	1.03 B	4.07	1.52	6.81	1.82	1.05	1.27	0.720B	---	---	28
29	---	0.840B	1.10 B	4.26	1.80	27.7	1.47	1.01	1.30	0.820B	---	---	29
30	---	---	1.19 B	4.34	2.21	34.4	1.57	1.00	1.20	0.880B	---	---	30
31	---		1.61 B		2.16		1.42	1.00		0.940B		---	31
TOTAL	---	---	32.188	128.77	74.83	443.32	254.76	38.05	32.183	29.975	---	---	TOTAL
MEAN	---	---	1.04	4.29	2.40	14.8	8.81	1.23	1.07	0.957	---	---	MEAN
MAX	---	---	1.61	8.25	3.80	67.6	21.4	1.57	1.36	1.13	---	---	MAX
MIN	---	---	0.790	2.07	1.52	1.83	1.42	1.00	0.780	0.720	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.01
MAXIMUM DAILY, 67.6 ON JUN 12
MINIMUM DAILY, 0.720B ON OCT 28
MAXIMUM INSTANTANEOUS,
67.9 AT 18:30 MST ON JUN 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 25 46 N
LONG 117 43 10 W
DRAINAGE AREA, 837 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17 700
FEB	---	AUG	3 280
MAR	2 780	SEP	3 780
APR	11 100	OCT	2 580
MAY	3 440	NOV	---
JUN	38 300	DEC	---

TOTAL DISCHARGE, 85 000 dam³

DEER CREEK (MAIN STEM) NEAR SUNDRE - STATION NO. 05CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.007A	0.006	0.008	0.055E	0.097	0.014	0.017	0.012	---	1
2	---	---	---	0.018A	0.007	0.006	0.006	0.055	0.013	0.018	0.013	---	2
3	---	---	---	0.017E	0.006	0.005	0.008	0.030	0.012	0.017	0.012	---	3
4	---	---	---	0.015E	0.003	0.004	0.008	0.024	0.012	0.017	0.010	---	4
5	---	---	---	0.013E	0.007	0.006	0.013	0.022	0.012	0.016	0.008	---	5
6	---	---	---	0.017E	0.008	0.011	0.042	0.033	0.011	0.018	0.010	---	6
7	---	---	---	0.018E	0.008	0.012	0.014	0.029	0.010	0.018	0.008A	---	7
8	---	---	---	0.015E	0.008	0.024	0.009	0.024	0.010	0.018	---	---	8
9	---	---	---	0.014E	0.008	0.038	0.008	0.021	0.010	0.016	---	---	9
10	---	---	---	0.018A	0.008	0.014	0.008	0.023	0.026	0.016	---	---	10
11	---	---	---	0.028	0.008	0.010	0.007	0.049	0.023	0.015	---	---	11
12	---	---	---	0.025	0.008	0.008	0.018	0.027	0.018	0.015	---	---	12
13	---	---	---	0.025	0.007	0.008	0.010	0.023	0.015	0.014	---	---	13
14	---	---	---	0.027	0.008	0.007	0.008	0.024	0.012	0.014	---	---	14
15	---	---	---	0.028	0.005	0.008	0.008	0.027	0.012	0.015	---	---	15
16	---	---	---	0.024	0.005	0.005	0.008	0.027	0.038	0.014	---	---	16
17	---	---	---	0.024	0.004	0.004	0.007	0.027	0.030	0.013	---	---	17
18	---	---	---	0.024	0.003	0.004	0.009	0.033	0.022	0.013	---	---	18
19	---	---	---	0.033	0.002	0.003	0.007	0.025	0.030	0.013	---	---	19
20	---	---	---	0.021	0.003	0.002	0.008	0.024	0.028	0.013	---	---	20
21	---	---	---	0.018	0.003	0.002	0.006	0.025	0.022	0.013	---	---	21
22	---	---	---	0.017	0.004	0.002	0.005	0.021	0.021	0.013	---	---	22
23	---	---	---	0.018	0.004	0.551	0.004	0.018	0.020	0.013	---	---	23
24	---	---	---	0.016	0.003	0.001	0.004	0.017	0.020	0.013	---	---	24
25	---	---	---	0.013	0.003	0.001	0.004	0.017	0.021	0.012	---	---	25
26	---	---	---	0.013	0.002	0.001	0.003	0.017	0.020	0.013	---	---	26
27	---	---	---	0.012	0.002	0.506	0.504	0.018	0.018	0.012	---	---	27
28	---	---	---	0.012	0.002	0.005	0.504	0.018	0.018	0.012	---	---	28
29	---	---	0.001A	0.011	0.004	0.508	0.504	0.018	0.018	0.012	---	---	29
30	---		0.001E	0.008	0.011	0.018	0.004	0.018	0.018	0.012	---	---	30
31	---		0.001E		0.014		0.008	0.015		0.012		---	31
TOTAL	---	---	---	0.542	0.171	0.218	0.258	0.840	0.556	0.439	---	---	TOTAL
MEAN	---	---	---	0.018	0.005	0.007	0.008	0.027	0.018	0.014	---	---	MEAN
MAX	---	---	---	0.033	0.014	0.026	0.042	0.097	0.038	0.017	---	---	MAX
MIN	---	---	---	0.007	0.002	0.001	0.003	0.015	0.010	0.012	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.097 ON AUG 1
MINIMUM DAILY, 0.001 ON JUN 23
MAXIMUM INSTANTANEOUS,
0.150 AT 08:21 MST ON AUG 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 35 N
LONG 115 08 00 W
DRAINAGE AREA, 5.44 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	22.3
FEB	---	AUG	72.6
MAR	---	SEP	48.0
APR	48.8	OCT	37.9
MAY	14.8	NOV	---
JUN	18.8	DEC	---

TOTAL DISCHARGE, 281 dam³

BEERLICK CREEK NEAR HINTON - STATION NO. 07AF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0068	0.2288	0.085	0.083	0.030	0.038	0.102	0.0438	---	1
2	---	---	---	0.0068	0.1688	0.081	0.071	0.038	0.034	0.097	0.0438	---	2
3	---	---	---	0.0078	0.1848	0.087	0.087	0.027	0.032	0.083	---	---	3
4	---	---	---	0.0078	0.1388	0.087	0.088	0.022	0.032	0.090	---	---	4
5	---	---	---	0.0078	0.1388	0.088	0.088	0.040	0.028	0.084	---	---	5
6	---	---	---	0.0078	0.1388	0.127	0.080	0.248	0.030	0.082	---	---	6
7	---	---	---	0.0068	0.1388	0.404	0.080	0.278	0.027	0.081	---	---	7
8	---	---	---	0.0068	0.1388	1.02	0.082	0.108	0.034	0.073	---	---	8
9	---	---	---	0.0108	0.1388	0.840	0.085	0.083	0.033	0.088	---	---	9
10	---	---	---	0.0118	0.1388	0.844	0.086	0.072	0.048	0.088	---	---	10
11	---	---	---	0.0128	0.138	0.580	0.087	0.083	0.050	0.085	---	---	11
12	---	---	---	0.0148	0.120	0.484	0.078	0.082	0.044	0.085	---	---	12
13	---	---	---	0.0308	0.113	0.376	0.086	0.048	0.038	0.084	---	---	13
14	---	---	---	0.0808	0.112	0.307	0.047	0.042	0.037	0.088	---	---	14
15	---	---	---	0.0808	0.093	0.284	0.044	0.047	0.037	0.087	---	---	15
16	---	---	---	0.1408	0.088	0.211	0.038	0.088	0.138	0.086	---	---	16
17	---	---	---	0.2208	0.083	0.173	0.038	0.102	0.108	0.0538	---	---	17
18	---	---	---	0.1908	0.078	0.152	0.037	0.118	0.084	0.0528	---	---	18
19	---	---	---	0.1778	0.077	0.130	0.032	0.088	0.081	0.0508	---	---	19
20	---	---	---	0.1288	0.078	0.118	0.030	0.078	0.088	0.0488	---	---	20
21	---	---	---	0.0818	0.073	0.110	0.027	0.081	0.084	0.0468	---	---	21
22	---	---	---	0.1008	0.077	0.100	0.028	0.087	0.085	0.0478	---	---	22
23	---	---	0.0058	0.1058	0.078	0.087	0.024	0.087	0.080	0.0468	---	---	23
24	---	---	0.0058	0.1038	0.072	0.087	0.024	0.048	0.083	0.0468	---	---	24
25	---	---	0.0058	0.0988	0.070	0.080	0.022	0.048	0.081	0.0458	---	---	25
26	---	---	0.0058	0.0908	0.072	0.078	0.020	0.045	0.088	0.0458	---	---	26
27	---	---	0.0058	0.0888	0.087	0.084	0.023	0.044	0.110	0.0448	---	---	27
28	---	---	0.0058	0.0898	0.087	0.090	0.023	0.041	0.128	0.0448	---	---	28
29	---	---	0.0068	0.0918	0.084	0.118	0.023	0.039	0.138	0.0448	---	---	29
30	---		0.0068	0.1458	0.088	0.104	0.024	0.038	0.117	0.0438	---	---	30
31	---		0.0068		0.088		0.024	0.037		0.0438		---	31
TOTAL	---	---	---	2.130	3.318	7.103	1.412	2.188	2.085	1.908	---	---	TOTAL
MEAN	---	---	---	0.071	0.107	0.237	0.046	0.071	0.069	0.061	---	---	MEAN
MAX	---	---	---	0.220	0.228	1.02	0.080	0.278	0.138	0.102	---	---	MAX
MIN	---	---	---	0.006	0.084	0.087	0.020	0.022	0.028	0.043	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 1.02 ON JUN 8
MINIMUM DAILY, 0.0068 ON APR 1
MAXIMUM INSTANTANEOUS,
1.72 AT 02:18 MST ON JUN 8

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 20 N
LONG 117 14 36 W
DRAINAGE AREA, 14.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	122
FEB	---	AUG	189
MAR	---	SEP	178
APR	184	OCT	165
MAY	287	NOV	---
JUN	614	DEC	---

TOTAL DISCHARGE, 1 740 dam³

DICKSON DAM TUNNEL OUTLET - STATION NO. 05CB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.0	16.8	16.3	16.2	26.3	16.1	42.8	47.8	30.8	23.1	16.5	16.8	1
2	16.8	16.8	16.4	16.2	26.2	16.2	43.0	81.7	30.5	25.8	16.4	16.9	2
3	17.1	16.8	16.4	16.1	22.3	16.8	42.5	81.7	30.8	26.4	16.3	16.9	3
4	17.0	16.8	16.3	16.1	18.0	23.8	38.3	82.1	30.4	40.0	19.0	16.9	4
5	16.9	16.0	16.3	16.2	18.0	30.0	36.8	78.8	30.4	40.1	19.4	16.9	5
6	16.9	16.9	16.2	16.2	18.0	15.7	57.4	68.1	30.2	39.8	19.2	16.8	6
7	16.9	16.9	16.3	16.2	18.1	15.5	68.3	68.8	23.8	26.0	19.2	16.8	7
8	16.8	16.9	16.3	16.2	18.1	15.2A	68.8	80.2	20.1	23.5	19.2	16.8	8
9	16.8	16.9	16.2	16.1	18.1	20.8A	64.0	78.4	18.9	23.8	19.2	16.8	9
10	16.8	16.8	16.2	16.2	18.0	28.1	43.3	68.4	18.1	23.5	18.2	16.9	10
11	16.8	16.8	16.2	16.2	18.1	28.5	39.7	68.4	18.1	23.5	17.1	16.9	11
12	16.7	16.7	16.3	16.2	18.1	28.8	39.5	63.1	18.2	23.4	17.1	16.9	12
13	16.7	16.7	16.2	16.3	18.0	30.0	39.6	66.0	18.2	23.5	17.0	16.9	13
14	16.7	16.7	16.2	16.3	18.9	30.3	39.5	48.8	18.1	23.8	16.9	16.9	14
15	16.8	16.7	16.2	16.3	18.1	30.6	39.8	41.1	18.2	23.8	16.9	16.9	15
16	16.7	16.8	16.2	16.3	18.1	31.1	39.7	39.6	18.2	23.5	16.8	16.9	16
17	16.8	16.7	16.2	16.3	18.0	33.8	39.6	54.7	18.3	24.0	16.8	16.8	17
18	16.8	16.7	16.3	16.4	18.0	37.2	39.1	70.0	18.8	26.7	16.8	17.0	18
19	16.8	16.6	16.2	16.3	18.1	46.2	32.8	64.2	18.5	24.0	16.7	17.0	19
20	16.8	16.8	16.2	16.4	18.1	52.3	29.2	68.0	18.7	22.5	16.8	16.9	20
21	16.6	16.6	16.2	16.8	18.0	52.8	25.0	67.5	18.8	22.4	16.7	16.9	21
22	16.6	16.3	16.2	16.8	18.1	52.7	24.9	68.6	19.0	21.2	16.6	16.9	22
23	16.4	16.3	16.2	16.8	18.1	52.8	24.8	53.9	19.0	18.9	16.6	16.9	23
24	16.5	16.8	16.2	16.4	18.1	48.1	24.9	45.4	19.1	18.6	16.6	16.6	24
25	16.3	16.4	16.1	16.6	18.0	37.7	25.1	40.9	21.6	18.6	16.6	16.6	25
26	16.2	16.3	16.2	16.5	18.1	37.7	25.0	40.8	28.9	18.6	16.6	16.7	26
27	16.2	16.3	16.0	16.5	18.3	37.7	25.0	40.7	31.1	18.5	16.6	16.7	27
28	16.2	16.3	16.1	16.8	20.1	37.8	29.1	40.7	30.9	18.6	16.7	16.7	28
29	16.1	16.3	16.2	20.0	18.8	37.8	31.2	38.2	31.1	18.5	16.7	16.6	29
30	16.8		16.1	26.2	18.8	40.7	31.3	31.8	31.2	18.5	16.6	16.7	30
31	16.9		16.1		18.8		31.2	30.5		18.5		16.6	31
TOTAL	514.5	469.5	502.7	503.3	526.0	973.7	1 178.2	1 881.1	697.4	681.5	523.3	522.2	TOTAL
MEAN	16.6	16.8	16.2	16.8	17.0	32.5	38.0	60.8	23.2	27.8	17.4	16.8	MEAN
MAX	17.1	16.4	16.4	26.3	26.3	52.7	68.8	80.2	31.2	40.1	19.4	17.0	MAX
MIN	16.0	16.3	16.0	16.1	16.8	16.2	24.8	30.5	18.1	18.5	16.6	16.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.8
MAXIMUM DAILY, 80.2 ON AUG 8
MINIMUM DAILY, 15.2A ON JUN 8
MAXIMUM INSTANTANEOUS,
81.8 AT 18:38 MST ON AUG 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 30 N
LONG 114 13 02 W
DRAINAGE AREA, 5 600 km²
A - MANUAL GAUGE

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 500	JUL	102 000
FEB	38 700	AUG	161 000
MAR	43 400	SEP	80 300
APR	43 500	OCT	74 400
MAY	45 800	NOV	45 200
JUN	84 100	DEC	45 100

TOTAL DISCHARGE, 789 000 dam³

DICKSON RESERVOIR NEAR DICKSON - STATION NO. 05CB005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	845.701	843.884	841.812A	840.700	841.938	843.684	845.106	846.036	846.213	846.047	846.028	847.382	1
2	845.636	843.818	841.858A	840.711	841.881	843.748	845.053	846.041	846.226	846.077	846.042	847.382	2
3	845.582	843.852	841.786A	840.778	841.792A	843.806	845.003	846.123	846.247	846.089	846.054	847.361	3
4	845.490	843.484	841.756A	840.883	841.771A	843.818	845.881	846.218	846.261	846.070	846.064	847.336	4
5	845.416	843.418	841.892A	840.936	841.785	843.840	845.980	846.320	846.278	846.043	846.086	847.322	5
6	845.345	843.352	841.841A	840.972	841.784	843.917	846.004	846.370	846.283	846.012	846.051	847.304	6
7	845.271	843.290	841.588A	841.024	841.747	844.044	846.018	846.336	846.318	847.985	846.086	847.282	7
8	845.187	843.225	841.522A	841.050	841.741	844.322	846.026	846.284	846.363	847.978	846.047	847.249	8
9	845.122	843.158	841.473A	841.086	841.738	844.861	845.976	846.184	846.435	847.970	846.025	847.207	9
10	845.050	843.097	841.430A	841.078	841.788	845.419	845.941	846.136	846.500	847.951	847.984	847.184	10
11	844.976	843.038	841.378A	841.104	841.814	845.723	845.851	846.102	846.578	847.931	847.885	847.126	11
12	844.902	842.972	841.321A	841.136	841.906	845.826	845.886	846.084	846.646	847.913	847.878	847.081	12
13	844.834	842.911	841.271A	841.186	842.038	845.857	845.928	846.014	846.707	847.888	847.870	847.055	13
14	844.769	842.845	841.224A	841.203	842.230	845.150	845.986	845.980	846.781	847.863	847.852	847.027	14
15	844.706	842.784	841.188A	841.251	842.416	846.220	846.088	845.995	846.807	847.885	847.826	846.988	15
16	844.641	842.728	841.133A	841.311	842.539	846.277	845.044	846.058	846.884	847.877	847.801	846.943	16
17	844.578	842.685	841.084A	841.384	842.624	846.332	846.006	846.187	846.886	847.870	847.888	846.891	17
18	844.518	842.611	841.020A	841.467	842.746	846.387	845.985	846.284	847.144	847.871	847.828	846.850	18
19	844.455	842.552	840.970A	841.556	842.846	846.433	845.947	846.357	847.276	847.888	847.788	846.818	19
20	844.393	842.485	840.928A	841.656	842.912	846.403	845.933	846.334	847.398	847.860	847.770	846.783	20
21	844.333	842.440	840.902A	841.779	842.957	846.332	845.942	846.242	847.518	847.884	847.745	846.732	21
22	844.270	842.380	840.868A	841.874	842.993	846.258	845.963	846.141	847.623	847.888	847.723	846.680	22
23	844.210	842.327	840.852A	841.939	843.025	846.186	845.983	846.116	847.714	847.918	847.706	846.618	23
24	844.149	842.269	840.848A	841.984	843.097	846.092	845.918	846.096	847.807	847.941	847.881	846.555	24
25	844.089	842.208A	840.846	842.011	843.209	846.080	846.034	846.088	847.886	847.988	847.884	846.490	25
26	844.033	842.133A	840.842	842.032	843.293	846.088	846.047	846.104	847.850	847.888	847.808	846.420	26
27	843.974	842.079A	840.857	842.037	843.365	846.048	846.089	846.108	847.880	847.988	847.548	846.343	27
28	843.917	842.022A	840.815	842.038	843.418	846.048	846.088	846.116	847.887	846.008	847.487	846.270	28
29	843.859	841.968A	840.773	842.037	843.470	846.088	846.082	846.114	846.010	846.008	847.448	846.184	29
30	843.802		840.745	841.982	843.545	846.110	846.087	846.128	846.021	846.008	847.413	846.128	30
31	843.747		840.717		843.821		846.027	846.182		846.016		846.058	31
MEAN	844.878	842.804	841.202	841.404	842.513	845.491	846.014	846.187	847.029	847.880	847.848	846.871	MEAN
MAX	845.701	843.884	841.812	842.038	843.821	846.433	846.106	846.370	846.021	846.089	846.086	847.382	MAX
MIN	843.747	841.888	840.717	840.700	841.738	843.884	845.933	845.980	846.213	847.888	847.413	846.058	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 846.006
MAXIMUM DAILY, 846.088 ON OCT 3
MINIMUM DAILY, 840.700 ON APR 1
MAXIMUM INSTANTANEOUS,
846.091 AT 18:33 MST ON OCT 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 02 28 N
LONG 114 12 53 W

A - MANUAL GAUGE

REGULATED SINCE 1962

DRAINAGE AREA,
5 800 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DOG RIVER NEAR FITZGERALD - STATION NO. 07NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.740B	0.415B	0.405B	0.503B	---	13.0E	10.3	7.54	7.76	4.38E	2.65B	1.52 B	1
2	0.725B	0.410B	0.409B	0.510B	5.67A	13.6A	10.2	7.37	7.60	4.29E	2.61B	1.50 B	2
3	0.710B	0.407B	0.414B	0.517B	---	15.2	9.78	7.12	7.25	4.22E	2.78B	1.56 B	3
4	0.700B	0.403B	0.418B	0.524B	---	16.1	9.44	7.02	7.10	4.15E	2.74B	1.53 B	4
5	0.687B	0.400B	0.423B	0.527B	---	17.1	9.53	7.35	6.94	4.08E	2.70B	1.50 B	5
6	0.678B	0.396B	0.426B	0.545B	---	16.3	9.19	7.41	6.75	4.01E	2.66B	1.76 B	6
7	0.668B	0.397B	0.429B	0.550B	---	15.5	9.21	7.44	6.53	3.95E	2.62B	1.77 B	7
8	0.655B	0.395B	0.434B	0.575B	---	15.4	9.98	7.41	6.39	3.89E	2.58B	1.72 B	8
9	0.645B	0.394B	0.438B	0.588B	---	15.5	10.1	7.38	6.36	3.83E	2.54B	1.67 B	9
10	0.635B	0.392B	0.443B	0.700B	---	15.5	10.0	7.49	6.25	3.77E	2.50B	1.62 B	10
11	0.626B	0.392B	0.450B	0.713B	---	15.2	9.78	7.55	6.19	3.71E	2.46B	1.59 B	11
12	0.616B	0.391B	0.455B	0.727B	---	15.3	9.52	7.55	6.24	3.65A	2.48B	1.55 B	12
13	0.606B	0.391B	0.460B	0.741B	---	15.4	9.33	7.50	6.42	3.86	2.44B	1.52 B	13
14	0.600B	0.390B	0.466B	0.755B	---	15.4	9.15	7.73	6.71	3.69	2.42B	1.48 B	14
15	0.592B	0.390B	0.471B	0.763B	---	15.1	9.03	8.26	6.92	3.52	2.40B	1.42 B	15
16	0.581B	0.388B	0.481B	0.820B	---	15.6	8.94	8.39	6.48	3.51	2.37B	1.39 B	16
17	0.568B	0.387B	0.490B	0.858B	---	16.1	8.79	8.42	6.40E	3.48	2.34B	1.37 B	17
18	0.558B	0.385B	0.500B	0.925B	---	17.7	8.66	8.43	6.32E	3.42	2.30B	1.34 B	18
19	0.544B	0.384B	0.505B	1.05 B	---	17.1	8.71	8.45	6.24E	3.37	2.27B	1.31 B	19
20	0.536B	0.382B	0.510B	1.17 B	---	16.2	8.88	8.53	6.16E	3.36	2.24B	1.28 B	20
21	0.530B	0.384B	0.518B	1.41 E	---	15.6	8.72	8.53	6.08E	3.34	2.22B	1.25 B	21
22	0.502B	0.385B	0.525B	1.54 E	---	14.9	8.50	8.50	6.00E	3.25	2.20B	1.21 B	22
23	0.488B	0.387B	0.537B	1.68 E	---	14.3	8.26	8.71	6.03E	3.22	2.16B	1.16 B	23
24	0.476B	0.388B	0.548B	2.11 E	---	13.7	8.12	8.61	6.88E	3.16	2.12B	1.14 B	24
25	0.462B	0.390B	0.560B	2.36 E	---	13.0	7.87	8.50	6.79E	3.11	2.08B	1.10 B	25
26	0.458B	0.392B	0.568B	2.60 E	---	12.4	7.74	8.45	6.72E	3.04	2.06B	1.06 B	26
27	0.448B	0.393B	0.570B	3.36 E	---	11.8	7.74	8.36	6.68E	2.63	2.03B	1.03 B	27
28	0.442B	0.395B	0.576B	3.90 E	---	11.4	7.62	8.24	6.57E	2.58	2.01B	0.993B	28
29	0.434B	0.400B	0.582B	4.36 E	---	10.9	7.50	8.14	6.50E	2.57	1.98B	0.963B	29
30	0.428B		0.588B	4.80 E	---	10.5	7.42	8.01	6.43E	2.90	1.95B	0.933B	30
31	0.420B		0.596B		---		7.60	7.92		2.89B		0.903B	31
TOTAL	17.781	11.405	16.191	43.579	---	484.1	275.58	246.60	172.18	109.30	71.31	43.872	TOTAL
MEAN	0.573	0.393	0.480	1.45	---	16.1	8.89	7.95	5.74	3.53	2.36	1.42	MEAN
MAX	0.740	0.415	0.596	4.80	---	16.5	10.3	8.71	7.76	4.38	2.65	1.52	MAX
MIN	0.420	0.382	0.405	0.503	---	10.5	7.42	7.02	4.43	2.83	1.95	0.903	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.382B ON FEB 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 52 35 N
LONG 111 31 15 W
DRAINAGE AREA, 2 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 530	JUL	23 800
FEB	985	AUG	21 300
MAR	1 390	SEP	14 900
APR	3 770	OCT	9 440
MAY	---	NOV	6 180
JUN	41 800	DEC	3 790

DRAIN L-8 NEAR DIAMOND CITY - STATION NO. 05AD040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.030	0.061	0.080	0.061	0.037	0.011	---	---	1
2	---	---	---	---	0.038	0.031	0.105	0.041	0.033	0.008	---	---	2
3	---	---	---	---	0.036	0.026	0.105	0.060	0.024	0.010	---	---	3
4	---	---	---	---	0.035	0.021	0.068	0.036	0.028	0.015	---	---	4
5	---	---	---	---	0.034	0.004	0.112	0.068	0.028	0.019	---	---	5
6	---	---	---	---	0.025	0.003	0.130	0.006	0.021	0.015	---	---	6
7	---	---	---	---	0.029	0.019	0.131	0.006	0.010	0.033	---	---	7
8	---	---	---	---	0.032	0.039	0.135	0.005	0.016	0.037	---	---	8
9	---	---	---	---	0.040	0.039	0.141	0.007	0.012	0.031	---	---	9
10	---	---	---	---	0.038	0.042	0.141	0.017	0.025	0.025	---	---	10
11	---	---	---	---	0.037	0.056	0.138	0.017	0.030	0.080	---	---	11
12	---	---	---	---	0.045	0.080	0.118	0.026	0.016	0.089	---	---	12
13	---	---	---	---	0.049	0.066	0.113	0.027	0.017	0.107	---	---	13
14	---	---	---	---	0.055	0.072	0.107	0.021	0.016	0.103	---	---	14
15	---	---	---	---	0.035	0.066	0.083	0.022	0.016	0.088	---	---	15
16	---	---	---	---	0.029	0.037	0.072	0.052	0.014	0.108	---	---	16
17	---	---	---	---	0.051	0.044	0.067	0.031	0.014	0.093	---	---	17
18	---	---	---	---	0.062	0.053	0.060	0.030	0.013	0.044	---	---	18
19	---	---	---	---	0.051	0.038	0.044	0.029	0.014	0.004	---	---	19
20	---	---	---	---	0.064	0.057	0.042	0.033	0.013	0.002	---	---	20
21	---	---	---	---	0.110	0.068	0.051	0.026	0.013	0.001	---	---	21
22	---	---	---	---	0.102	0.057	0.050	0.026	0.013	0.001	---	---	22
23	---	---	---	---	0.057	0.038	0.032	0.026	0.013	0	---	---	23
24	---	---	---	---	0.056	0.025	0.037	0.031	0.008	0	---	---	24
25	---	---	---	---	0.038	0.016	0.034	0.043	0.012	0	---	---	25
26	---	---	---	---	0.064	0.012	0.021	0.065	0.010	0	---	---	26
27	---	---	---	0.008A	0.071	0.016	0.024	0.068	0.017	0 A	---	---	27
28	---	---	---	0.008	0.068	0.032	0.022	0.064	0.010	0 E	---	---	28
29	---	---	---	0.008	0.068	0.051	0.015	0.062	0.017	0 E	---	---	29
30	---		---	0.031	0.114	0.074	0.020	0.044	0.010	0 E	---	---	30
31	---		---		0.138		0.052	0.042		0 A		---	31
TOTAL	---	---	---	---	1.777	1.247	2.391	1.078	0.553	0.812	---	---	TOTAL
MEAN	---	---	---	---	0.057	0.042	0.077	0.035	0.018	0.026	---	---	MEAN
MAX	---	---	---	---	0.138	0.081	0.141	0.081	0.038	0.108	---	---	MAX
MIN	---	---	---	---	0.025	0.003	0.015	0.005	0.008	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.043
MAXIMUM DAILY, 0.141 ON JUL 9
MINIMUM DAILY, 0 ON OCT 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 20 N
LONG 113 51 30 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	207
FEB	---	AUG	93.2
MAR	---	SEP	47.8
APR	---	OCT	70.5
MAY	154	NOV	---
JUN	108	DEC	---

TOTAL DISCHARGE, 869 dam³

DRAIN S-10 NEAR BOW ISLAND - STATION NO. 05AJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.588	0.581	0.487	0.621	0.161	0.088	0.005	---	1
2	---	---	---	---	0.605	0.634	0.438	0.722	0.184	0.072	0.005	---	2
3	---	---	---	---	0.485	0.578	0.383	0.371	0.258	0.080	0.004A	---	3
4	---	---	---	---	0.404	0.603	0.458	0.336	0.273	0.188	---	---	4
5	---	---	---	---	0.480	0.722	0.532	0.252	0.207	0.252	---	---	5
6	---	---	---	---	0.378	0.713	0.573	0.480	0.213	0.097	---	---	6
7	---	---	---	---	0.230	0.510	0.505	0.300	0.183	0.105	---	---	7
8	---	---	---	---	0.300	0.578	0.506	0.216	0.236	0.073	---	---	8
9	---	---	---	---	0.283	0.484A	0.511	0.321	0.211	0.073	---	---	9
10	---	---	---	---	0.350	0.264A	0.554	0.336	0.217	0.113	---	---	10
11	---	---	---	---	0.203	0.265A	1.05	0.264	0.320	0.030	---	---	11
12	---	---	---	---	0.394	0.328A	1.23	0.590	0.322	0.020	---	---	12
13	---	---	---	---	0.308	0.467	0.635	0.237	0.090	0.015	---	---	13
14	---	---	---	---	0.472	0.382	1.01	0.188	0.088	0.014	---	---	14
15	---	---	---	---	0.271	0.555	0.743	0.157	0.072	0.012	---	---	15
16	---	---	---	---	0.260	0.575	0.778	0.165	0.058	0.010	---	---	16
17	---	---	---	---	0.405	0.466	0.703	0.108	0.058	0.008	---	---	17
18	---	---	---	---	0.478	0.758	0.760	0.052	0.058	0.005	---	---	18
19	---	---	---	---	0.559	0.447	0.681	0.091	0.058	0.005	---	---	19
20	---	---	---	---	0.505	0.368	0.758	0.083	0.036	0.007	---	---	20
21	---	---	---	---	0.583	0.328	0.674	0.133	0.033	0.007	---	---	21
22	---	---	---	---	0.488	0.503	0.578	0.112	0.031	0.007	---	---	22
23	---	---	---	---	0.428A	0.463	0.763	0.088	0.036	0.006	---	---	23
24	---	---	---	---	0.434A	0.482	0.818	0.077	0.041	0.006	---	---	24
25	---	---	---	---	0.593	0.515	0.939	0.084	0.041	0.005	---	---	25
26	---	---	---	0.003A	0.570	0.602	0.915	0.062	0.038	0.006	---	---	26
27	---	---	---	0.162	0.587	0.602	0.462	0.103	0.042	0.006	---	---	27
28	---	---	---	0.316	0.651	0.624	0.351	0.108	0.078	0.005	---	---	28
29	---	---	---	0.374	0.753	1.23	0.426	0.102	0.078	0.005	---	---	29
30	---		---	0.372	0.880	0.535	0.388	0.113	0.083	0.006	---	---	30
31	---		---		0.618		0.408	0.188		0.005		---	31
TOTAL	---	---	---	---	14.453	17.243	22.285	7.068	3.721	1.306	---	---	TOTAL
MEAN	---	---	---	---	0.466	0.575	0.718	0.228	0.124	0.042	---	---	MEAN
MAX	---	---	---	---	0.851	1.23	1.23	0.722	0.320	0.252	---	---	MAX
MIN	---	---	---	---	0.203	0.264	0.351	0.062	0.031	0.005	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.359
MAXIMUM DAILY, 1.23 ON JUN 20
MINIMUM DAILY, 0.005 ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 40 N
LONG 111 24 50 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 920
FEB	---	AUG	611
MAR	---	SEP	331
APR	---	OCT	113
MAY	1 250	NOV	---
JUN	1 480	DEC	---

TOTAL DISCHARGE, 6 710 dam³

DRAIN S-9 NEAR BOW ISLAND - STATION NO. 05AJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.014	0.142	0.088	0.183	0.187	0.182	0.006	---	1
2	---	---	---	---	0.021	0.278	0.080	0.204	0.138	0.141	0.005	---	2
3	---	---	---	---	0.038	0.210	0.010	0.183	0.078	0.140	0.005A	---	3
4	---	---	---	---	0.081	0.188	0.188	0.111	0.057	0.184	---	---	4
5	---	---	---	---	0.043	0.078	0.118	0.078	0.048	0.188	---	---	5
6	---	---	---	---	0.308	0.040	0.117	0.040	0.080	0.178	---	---	6
7	---	---	---	---	0.384	0.030	0.208	0.003	0.018	0.133	---	---	7
8	---	---	---	---	0.388	0.038	0.208	0.008	0.003	0.082	---	---	8
9	---	---	---	---	0.278	0.048	0.188	0.108	0.003	0.032	---	---	9
10	---	---	---	---	0.214	0.108	0.044	0.084	0.003	0.053	---	---	10
11	---	---	---	---	0.103	0.080	0.038	0.073	0.003	0.043	---	---	11
12	---	---	---	---	0.088	0.048	0.088	0.088	0.003	0.026	---	---	12
13	---	---	---	---	0.008	0.180	0.243	0.048	0.008	0.080	---	---	13
14	---	---	---	---	0.013A	0.584	0.271	0.043	0.088	0.084	---	---	14
15	---	---	---	---	0.082	0.488	0.183	0.008	0.088	0.038	---	---	15
16	---	---	---	---	0.023	0.380	0.122	0.008	0.088	0.032	---	---	16
17	---	---	---	---	0.028	0.282	0.128	0.018	0.103	0.018	---	---	17
18	---	---	---	---	0.082	0.188	0.103	0.013	0.108	0.023	---	---	18
19	---	---	---	---	0.087	0.078	0.080	0.071	0.117	0.013	---	---	19
20	---	---	---	---	0.124	0.024	0.018	0.027	0.081	0.010	---	---	20
21	---	---	---	---	0.188	0.003	0.008	0.008	0.082	0.008	---	---	21
22	---	---	---	---	0.248	0.002	0.077	0.003	0.108	0.007	---	---	22
23	---	---	---	---	0.241	0.008	0.040	0.002	0.078	0.008	---	---	23
24	---	---	---	---	0.184	0.183	0.085	0.002	0.088	0.008	---	---	24
25	---	---	---	---	0.108	0.111	0.137	0.001	0.088	0.005	---	---	25
26	---	---	---	0.003A	0.082	0.181	0.147	0.001	0.173	0.018	---	---	26
27	---	---	---	0.003	0.074	0.085	0.178	0.001	0.318	0.018	---	---	27
28	---	---	---	0.003	0.088	0.081	0.184	0.001	0.273	0.008	---	---	28
29	---	---	---	0.003	0.017	0.081	0.133	0.008	0.234	0.007	---	---	29
30	---		---	0.004	0.008	0.103	0.148	0.025	0.181	0.007	---	---	30
31	---		---		0.012		0.144	0.223		0.008		---	31
TOTAL	---	---	---	---	3.430	4.214	3.741	1.877	2.887	1.718	---	---	TOTAL
MEAN	---	---	---	---	0.111	0.140	0.121	0.084	0.087	0.085	---	---	MEAN
MAX	---	---	---	---	0.384	0.584	0.271	0.223	0.318	0.188	---	---	MAX
MIN	---	---	---	---	0.008	0.002	0.008	0.001	0.003	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 0.584 ON JUN 14
MINIMUM DAILY, 0.001 ON AUG 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 08 N
LONG 111 28 38 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	333
FEB	---	AUG	145
MAR	---	SEP	250
APR	---	OCT	148
MAY	295	NOV	---
JUN	364	DEC	---

TOTAL DISCHARGE, 1 530 dam³

DRAIN T-1 NEAR TABER - STATION NO. 05AG027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.196	0.083	0.140E	0.183	0.083	0.036	---	---	1
2	---	---	---	---	0.148	0.122	0.120E	0.288	0.081	0.150	---	---	2
3	---	---	---	---	0.182	0.112	0.130E	0.258	0.103	0.226	---	---	3
4	---	---	---	---	0.152	0.082	0.150E	0.087A	0.163	0.211	---	---	4
5	---	---	---	---	0.103	0.085	0.180E	0.085A	0.180	0.188	---	---	5
6	---	---	---	---	0.083	0.103	0.200E	0.111	0.020	0.288	---	---	6
7	---	---	---	---	0.085	0.800A	0.140E	0.078A	0.018	0.188	---	---	7
8	---	---	---	---	0.113	0.800E	0.100E	0.088A	0.017	0.086	---	---	8
9	---	---	---	---	0.088	0.200E	0.090E	0.087E	0.038	0.082	---	---	9
10	---	---	---	---	0.070	0.150E	0.100E	0.052E	0.048	0.088	---	---	10
11	---	---	---	---	0.074	0.150E	0.120E	0.050E	0.088	0.086	---	---	11
12	---	---	---	---	0.113	0.150E	0.150E	0.088A	0.080	0.012	---	---	12
13	---	---	---	---	0.110	0.120E	0.140E	0.082	0.087	0.003	---	---	13
14	---	---	---	---	0.180	0.120E	0.150E	0.052E	0.080	0.001	---	---	14
15	---	---	---	---	0.168	0.100E	0.140E	0.087A	0.048	0.002	---	---	15
16	---	---	---	---	0.131	0.110E	0.100E	0.148	0.084	0.001	---	---	16
17	---	---	---	---	0.188	0.120E	0.180E	0.084	0.080	0.001	---	---	17
18	---	---	---	---	0.188	0.100E	0.200E	0.084	0.078	0.001	---	---	18
19	---	---	---	---	0.172	0.080E	0.150E	0.144A	0.085	0.001	---	---	19
20	---	---	---	---	0.158	0.100E	0.110E	0.188	0.034	0.001	---	---	20
21	---	---	---	---	0.235	0.140E	0.130E	0.207	0.038	0.001	---	---	21
22	---	---	---	---	0.181	0.140E	0.150E	0.088A	0.031	0.001	---	---	22
23	---	---	---	---	0.135	0.148E	0.160E	0.088A	0.037	0.001	---	---	23
24	---	---	---	---	0.150	0.148E	0.200E	0.071	0.040	0.001	---	---	24
25	---	---	---	0.037A	0.241	0.150E	0.158A	0.013	0.042	0.001	---	---	25
26	---	---	---	0.244	0.240	0.150E	0.181	0.088	0.038	0.001B	---	---	26
27	---	---	---	0.180	0.178	0.153A	0.114	0.041	0.043	0.001B	---	---	27
28	---	---	---	0.181	0.148	0.281A	0.118	0.018	0.038	0.001B	---	---	28
29	---	---	---	0.208	0.180	0.250E	0.158	0.027	0.083	0.001B	---	---	29
30	---		---	0.198	0.248	0.150E	0.258	0.018	0.048	0.001	---	---	30
31	---		---		0.181		0.131	0.020		0.001A		---	31
TOTAL	---	---	---	---	4.814	5.253	4.874	2.828	1.742	1.883	---	---	TOTAL
MEAN	---	---	---	---	0.155	0.175	0.148	0.081	0.058	0.082	---	---	MEAN
MAX	---	---	---	---	0.248	0.880	0.258	0.288	0.183	0.288	---	---	MAX
MIN	---	---	---	---	0.070	0.083	0.090	0.013	0.017	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.114
MAXIMUM DAILY, 0.880A ON JUN 7
MINIMUM DAILY, 0.001 ON OCT 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 10 N
LONG 112 13 52 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	305
FEB	---	AUG	244
MAR	---	SEP	191
APR	---	OCT	138
MAY	418	NOV	---
JUN	482	DEC	---

TOTAL DISCHARGE, 1 810 dam³

DRIEDMEAT CREEK NEAR THE MOUTH - STATION NO. 05FA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0188	0.0338	0.053	0.033	0.088	0.014	0.022	0.007	0.033	---	1
2	---	---	0.0188	0.0428	0.048	0.038	0.087	0.020	0.020	0.017	0.028A	---	2
3	---	---	0.0188	0.0648	0.046	0.023	0.050	0.018	0.018	0.018	---	---	3
4	---	---	0.0188	0.1588	0.043	0.018	0.041	0.025	0.012	0.018	---	---	4
5	---	---	0.0188	0.0678	0.038	0.021	0.042	0.018	0.024	0.017	---	---	5
6	---	---	0.0188	0.1488	0.038	0.030	0.078	0.018	0.021	0.038	---	---	6
7	---	---	0.0188	0.0888	0.082	0.018	0.137	0.017	0.025	0.083	---	---	7
8	---	---	0.0188	0.0888	0.047	0.084	0.100	0.017	0.022	0.083	---	---	8
9	---	---	0.0188	0.1048	0.041	7.53	0.080	0.031	0.018	0.138	---	---	9
10	---	---	0.0188	0.1348	0.043	7.38	0.054	0.021	0.021	0.134	---	---	10
11	---	---	0.0188	0.182	0.033	3.72	0.041	0.031	0.003	0.080	---	---	11
12	---	---	0.0188	0.310	0.031	1.80	0.037	0.048	0.020	0.028	---	---	12
13	---	---	0.0188	0.288	0.033	1.04	0.032	0.106	0.018	0.033	---	---	13
14	---	---	0.0178	0.188	0.046	0.878	0.028	0.284	0.027	0.038	---	---	14
15	---	---	0.0178	0.111	0.043	0.426	0.026	0.236	0.038	0.042	---	---	15
16	---	---	0.0188	0.104	0.037	0.282	0.031	0.205	0.034	0.038	---	---	16
17	---	---	0.0188	0.148	0.041	0.238	0.018	0.226	0.040	0.031	---	---	17
18	---	---	0.0188	0.268	0.037	0.286	0.023	0.174	0.033	0.026	---	---	18
19	---	---	0.0188	0.188	0.033	0.228	0.022	0.311	0.027	0.026	---	---	19
20	---	---	0.0188	0.118	0.033	0.182	0.019	0.260	0.030	0.026	---	---	20
21	---	---	0.0188	0.082	0.086	0.178	0.017	0.186	0.022	0.027	---	---	21
22	---	---	0.0188	0.104	0.020	0.134	0.017	0.181	0.018	0.028	---	---	22
23	---	---	0.0218	0.211	0.087	0.118	0.018	0.153	0.004	0.032	---	---	23
24	---	---	0.0278	0.121	0.017	0.307	0.012	0.117	0.002	0.029	---	---	24
25	---	---	0.0338	0.077	0.018	0.170	0.011	0.080	0.019	0.044	---	---	25
26	---	---	0.0398	0.087	0.031	0.118	0.010	0.053	0.023	0.043	---	---	26
27	---	---	0.0448	0.044	0.018	0.107	0.010	0.040	0.021	0.028	---	---	27
28	---	---	0.0448	0.043	0.020	0.108	0.010	0.031	0.018	0.026	---	---	28
29	---	0.0188	0.0448	0.040	0.018	0.110	0.013	0.021	0.015	0.032	---	---	29
30	---		0.0448	0.082	0.023	0.122	0.012	0.014	0.012	0.028	---	---	30
31	---		0.0308		0.036		0.011	0.024		0.033		---	31
TOTAL	---	---	0.707	4.698	1.132	25.441	1.126	2.837	0.618	1.261	---	---	TOTAL
MEAN	---	---	0.023	0.157	0.037	0.848	0.036	0.095	0.021	0.040	---	---	MEAN
MAX	---	---	0.044	0.886	0.086	7.53	0.137	0.311	0.040	0.138	---	---	MAX
MIN	---	---	0.018	0.023	0.018	0.018	0.010	0.014	0.002	0.007	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.155
MAXIMUM DAILY, 7.53 ON JUN 9
MINIMUM DAILY, 0.002 ON SEP 24
MAXIMUM INSTANTANEOUS,
10.1 AT 22:40 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 53 N
LONG 112 38 20 W
DRAINAGE AREA, 1 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	97.5
FEB	---	AUG	254
MAR	81.1	SEP	53.5
APR	408	OCT	108
MAY	97.6	NOV	---
JUN	2 200	DEC	---

TOTAL DISCHARGE, 3 280 dam³

DRIEDMEAT LAKE AT OUTFLOW - STATION NO. 05FA020

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	884.872	884.884	884.488	884.848	884.834	884.838	884.848	---	---	1
2	---	884.832A	---	884.888	884.883	884.487	884.846	884.836	884.830	884.881	---	---	2
3	---	---	---	884.878	884.876	884.481	884.880	884.822	884.818	884.809	---	---	3
4	---	---	---	884.888	884.888	884.478	884.838	884.816	884.818	884.824	---	---	4
5	---	---	---	884.898	884.926	884.918	884.844	884.832	884.804	884.848	---	---	5
6	---	---	---	884.907	884.878	884.900	884.846	884.844	884.843	884.843	---	---	6
7	---	---	---	884.923	884.877	884.480	884.880	884.828	884.878	884.884	---	---	7
8	---	---	---	884.938	884.888	884.488	884.888	884.826	884.848	884.882	---	---	8
9	---	---	---	884.941	884.903	884.913	884.880	884.838	884.838	884.885	---	---	9
10	---	---	---	884.942	884.878	884.887	884.838	884.838	884.837	884.848	---	---	10
11	---	---	884.488	884.881	884.878	884.813	884.823	884.828	884.830	884.844	---	---	11
12	---	---	884.483	884.852	884.852	884.888	884.873	884.820	884.847	884.848	---	---	12
13	---	---	884.483	884.838	884.832	884.883	884.843	884.834	884.823	884.848	---	---	13
14	---	---	884.484	884.841	884.832	884.888	884.888	884.842	884.834	884.884	---	---	14
15	---	---	884.488	884.888	884.844	884.831	884.884	884.828	884.848	884.888	---	---	15
16	---	---	884.488	884.887	884.817	884.872	[illegible] 878	884.818	884.878	884.887	---	---	16
17	---	---	884.488	884.838	884.887	884.878	884.884	884.488	884.880	884.888	---	---	17
18	---	---	884.487	884.842	884.838	884.878	884.878	884.828	884.832	884.843	---	---	18
19	---	---	884.480	884.881	884.824	884.881	884.888	884.834	884.821	884.843	---	---	19
20	---	---	884.488	884.848	884.848	884.878	884.848	884.880	884.841	884.888	---	---	20
21	---	---	884.487	884.840	884.807	884.884	884.883	884.882	884.880	884.880	---	---	21
22	---	---	884.881	884.834	884.487	884.848	884.887	884.871	884.887	884.888	---	---	22
23	---	---	884.888	884.837	884.827	884.888	884.843	884.840	884.847	884.833	---	---	23
24	---	---	884.888	884.8328	884.888	884.874	884.848	884.884	884.848	884.847	---	---	24
25	---	---	884.813	884.8278	884.482	884.818	884.841	884.848	884.848	884.8178	---	---	25
26	---	---	884.821	884.8328	884.888	884.887	884.827	884.888	884.847	884.8178	---	---	26
27	---	---	884.887	884.8178	884.888	884.888	884.847	884.834	884.851	884.8178	---	---	27
28	---	---	884.870	884.812A	884.470	884.884	884.832	884.818	884.827	884.8178	---	---	28
29	---	---	884.870	884.807	884.888	884.883	884.828	884.833	884.872	884.8178	---	---	29
30	---		884.871	884.807	884.888	884.880	884.848	884.881	884.872	884.8178	---	---	30
31	---		884.871		884.807		884.824	884.843		884.8178		---	31
MEAN	---	---	---	884.828	884.843	884.842	884.880	884.837	884.842	884.841	---	---	MEAN
MAX	---	---	---	884.887	884.842	884.813	884.880	884.882	884.878	884.888	---	---	MAX
MIN	---	---	---	884.888	884.470	884.481	884.823	884.488	884.804	884.809	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 884.887 ON APR 18

MAXIMUM INSTANTANEOUS,
884.782 AT 11:22 MST ON MAY 14

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 30 N
LONG 113 42 30 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
7 240 km²

DRIFTWOOD RIVER NEAR THE MOUTH - STATION NO. 07BK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0188	0.0088	0.1808	0.8488	8.78	23.7	15.5	5.17	1.41	0.310	0.1888	0.1088	1
2	0.0178	0.0088	0.1968	0.8388	8.78	18.7	18.0	7.83	1.43	0.281	0.1788	0.1088	2
3	0.0188	0.0088	0.2138	0.8788	8.47	16.8	14.8	5.78	1.37	0.288	0.1878	0.1088	3
4	0.0188	0.0088	0.2778	0.8388	8.87	17.1	19.2	8.27	1.38	0.284	0.1818	0.1038	4
5	0.0188	0.0088	0.3188	0.8728	8.21	15.8	16.5	6.82	1.33	0.280	0.1688	0.1078	5
6	0.0148	0.0088	0.3818	0.8688	8.43	15.2	33.0	5.38	1.17	0.273	0.1838	0.1018	6
7	0.0138	0.0088	0.4488	0.8348	8.27	14.4	231	4.78	1.11	0.318	0.1828	0.1078	7
8	0.0138	0.0088	0.4118	0.9748	8.28	13.8	143	4.48	0.987	0.288	0.1388	0.1078	8
9	0.0128	0.0108	0.3888	1.13 B	8.23	14.5	73.6	3.93	0.882	0.272	0.1318	0.1078	9
10	0.0128	0.0188	0.3928	1.20 B	8.37	18.5	56.4	3.44	0.807	0.261	0.1328	0.0988	10
11	0.0138	0.0208	0.3688	1.63 B	8.36	21.7	50.7	3.24	0.887	0.269	0.1148	0.0988	11
12	0.0128	0.0188	0.3518	1.77 B	8.28	37.8	51.8	3.37	0.771	0.258	0.1078	0.1088	12
13	0.0128	0.0188	0.4808	1.71 B	8.23	34.1	53.1	3.08	0.856	0.263	0.1078	0.1138	13
14	0.0128	0.0188	0.5208	2.30 B	8.20	28.3	51.4	2.86	0.874	0.268	0.1018	0.1188	14
15	0.0128	0.0208	0.5008	2.76 B	12.6	26.1	45.3	2.81	0.886	0.269	0.0988	0.1208	15
16	0.0128	0.0308	0.4508	4.57 B	18.0	24.6	40.1	2.66	0.827	0.266	0.1008	0.1238	16
17	0.0118	0.0408	0.4608	6.78 B	15.3	24.4	36.6	2.88	0.886	0.274	0.1088	0.1248	17
18	0.0108	0.0608	0.4808	8.84 B	12.9	24.0	33.3	2.82	0.820	0.273	0.1188	0.1278	18
19	0.0108	0.0708	0.4108	8.69 B	11.6	23.0	30.1	2.47	0.471	0.284	0.1108	0.1318	19
20	0.0108	0.0808	0.4308	8.89 B	10.3	22.0	27.3	4.40	0.487	0.284	0.1008	0.1388	20
21	0.0108	0.0788	0.4408	8.85 B	9.51	20.4	24.9	4.33	0.448	0.286	0.0918	0.1338	21
22	0.0108	0.0708	0.4608	8.36 B	8.87	18.2	22.2	4.07	0.398	0.303	0.0958	0.1388	22
23	0.0108	0.0858	0.4858	7.33	8.52	17.8	19.8	3.93	0.364	0.307	0.1078	0.1338	23
24	0.0098	0.0908	0.4808	7.66	7.88	17.2	18.3	3.51	0.320	0.324	0.1018	0.1338	24
25	0.0098	0.1208	0.4858	8.68	7.84	16.3	16.4	3.26	0.340	0.3318	0.0988	0.1248	25
26	0.0088	0.2008	0.4808	8.63	7.21	15.2	14.7	2.94	0.381	0.3618	0.0928	0.1208	26
27	0.0088	0.1808	0.4508	8.22	8.88	14.2	13.3	2.81	0.365	0.3218	0.0888	0.1288	27
28	0.0088	0.1488	0.4858	8.38	8.73	13.8	11.7	2.37	0.364	0.1988	0.0838	0.1318	28
29	0.0088	0.1708	0.4708	8.81	8.63	14.1	10.7	2.18	0.385	0.1788	0.0928	0.1388	29
30	0.0088		0.4858	8.84	7.22	14.2	9.81	1.86	0.324	0.2138	0.0868	0.1558	30
31	0.0088		0.5108		18.3		8.70	1.63		0.2138		0.1788	31
TOTAL	0.381	1.625	13.722	118.858	285.88	588.1	1 205.81	120.72	21.728	8.858	3.847	3.752	TOTAL
MEAN	0.012	0.058	0.410	3.98	8.87	20.0	38.8	3.88	0.724	0.278	0.118	0.121	MEAN
MAX	0.018	0.208	0.528	8.28	18.0	37.8	231	8.17	1.43	0.381	0.188	0.178	MAX
MIN	0.008	0.008	0.188	0.838	8.87	13.8	8.78	1.83	0.328	0.178	0.083	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.48
MAXIMUM DAILY, 231 ON JUL 7
MINIMUM DAILY, 0.0088 ON JAN 24
MAXIMUM INSTANTANEOUS,
351 AT 18:30 MST ON JUL 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 18 18 N
LONG 114 13 84 W
DRAINAGE AREA, 2 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31.2	JUL	104 000
FEB	140	AUG	10 400
MAR	1 100	SEP	1 880
APR	10 300	OCT	739
MAY	23 000	NOV	308
JUN	51 800	DEC	324

TOTAL DISCHARGE, 204 000 dam³

DRY COULEE NEAR MAGRATH - STATION NO. 05AE041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.237	0.660	1.68	0.837	0.262	0.548	0.012A	---	1
2	---	---	---	---	0.321	0.624	1.54	1.64	0.262	0.136	---	---	2
3	---	---	---	---	0.236	0.527	1.02	1.84	0.123	0.004	---	---	3
4	---	---	---	---	0.317	0.248	1.04	0.883	0.085	0.003	---	---	4
5	---	---	---	---	0.306	0.310	0.788	0.585	0.131	0.003	---	---	5
6	---	---	---	---	0.401	0.263	0.585	0.588	0.218	0.005	---	---	6
7	---	---	---	---	0.288	0.236	0.450	0.717	0.165	0.005	---	---	7
8	---	---	---	---	0.448	0.476	0.444	0.588	0.210	0.004	---	---	8
9	---	---	---	---	0.510	0.450	0.487	0.588	0.261	0.005	---	---	9
10	---	---	---	---	0.588	0.458	0.317	0.717	0.573	0.007	---	---	10
11	---	---	---	---	0.457	0.538	0.431	0.622	0.771	0.014	---	---	11
12	---	---	---	---	0.560	0.435	0.783	0.393	0.812	0.011	---	---	12
13	---	---	---	---	0.454	0.815	0.498	0.333	0.635	0.004	---	---	13
14	---	---	---	---	0.804	0.700	0.282	0.177	0.453	0.005	---	---	14
15	---	---	---	---	0.618	0.883	0.342	0.363	0.343	0.004	---	---	15
16	---	---	---	---	0.210	0.431	0.814	0.333	0.378	0.001	---	---	16
17	---	---	---	---	0.183	0.333	0.434	0.162	0.388	0.023	---	---	17
18	---	---	---	---	0.328	0.304	0.678	0.172	0.443	0.018	---	---	18
19	---	---	---	---	0.247	0.284	0.834	0.250	0.191	0.001	---	---	19
20	---	---	---	---	0.182	0.427	0.818	0.123	0.184	0.005	---	---	20
21	---	---	---	---	0.318	0.233	0.474	0.181	0.118	0.008	---	---	21
22	---	---	---	---	0.358	0.224	0.352	0.201	0.171	0.004	---	---	22
23	---	---	---	---	0.356	0.648	0.533	0.117	0.228	0.003	---	---	23
24	---	---	---	---	0.308	0.788	0.458	0.117	0.358	0.004	---	---	24
25	---	---	---	---	0.885	0.393	0.478	0.180	0.231	0.008	---	---	25
26	---	---	---	0.305A	0.868	0.454	0.585	0.187	0.200	0.007	---	---	26
27	---	---	---	0.188	0.820	0.358	0.348	0.262	0.248	0.008	---	---	27
28	---	---	---	0.321	0.508	0.500	0.184	0.284	0.473	0.010	---	---	28
29	---	---	---	0.121	0.814	1.42	0.148	0.283	0.602	0.008	---	---	29
30	---		---	0.118	0.844	1.83	0.348	0.187	0.567	0.008	---	---	30
31	---		---		1.01		0.718	0.228		0.018		---	31
TOTAL	---	---	---	---	14.088	15.840	18.877	14.081	8.722	0.858	---	---	TOTAL
MEAN	---	---	---	---	0.454	0.521	0.608	0.454	0.324	0.028	---	---	MEAN
MAX	---	---	---	---	1.01	1.83	1.88	1.84	0.771	0.548	---	---	MAX
MIN	---	---	---	---	0.182	0.224	0.148	0.117	0.088	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.398
MAXIMUM DAILY, 1.84 ON AUG 3
MINIMUM DAILY, 0.001 ON OCT 18

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 38 N
LONG 112 88 44 W
DRAINAGE AREA, 84.8 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 630
FEB	---	AUG	1 220
MAR	---	SEP	840
APR	---	OCT	77.6
MAY	1 220	NOV	---
JUN	1 380	DEC	---

TOTAL DISCHARGE, 8 340 dam³

DRYWOOD CREEK NEAR THE MOUTH - STATION NO. 08AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2588	0.2608	0.3708	0.598	3.88	5.67	1.84	0.783	0.388	0.680	0.941	0.848	1
2	0.2568	0.2738	0.3808	0.623	3.68	4.81	1.62	1.02	0.393	1.07	1.08	0.898	2
3	0.2368	0.2648	0.3838	0.623	3.41	4.42	1.47	0.881	0.388	1.31	0.981	0.888	3
4	0.2188	0.2558	0.3818	0.760	3.38	4.88	1.47	0.851	0.391	1.34	1.01	0.814	4
5	0.2008	0.2478	0.3898	0.898	2.72	5.75	1.80	0.811	0.408	1.34	1.01	0.883	5
6	0.1898	0.2408	0.3488	0.807	3.22	5.81	1.51	0.880	0.278	1.34	0.877	0.820	6
7	0.1598	0.2588	0.3148	1.88	5.05	6.47	1.38	0.883	0.285	1.35	0.883	0.801	7
8	0.1528	0.2368	0.4188	1.10	5.33	6.16	1.36	0.863	0.334	1.35	1.08	0.885	8
9	0.1468	0.2178	0.4188	0.885	6.35	6.80	1.33	0.830	0.386	1.35	0.981	0.824	9
10	0.1478	0.2408	0.376	0.823	8.16	6.46	1.31	0.848	0.478	1.38	0.888	0.830	10
11	0.1808	0.2268	0.373	0.777	10.0	4.91	1.32	0.818	0.872	1.26	0.857	0.718	11
12	0.1888	0.2178	0.318	0.888	11.3	4.71	1.17	0.888	0.847	1.22	0.818	0.836	12
13	0.2588	0.2178	0.438	0.883	11.6	4.27	1.14	0.814	0.471	1.20	0.878	0.800	13
14	0.4388	0.2248	0.388	0.891	8.74	3.71	1.08	0.418	0.488	1.18	1.01	0.801	14
15	0.4188	0.2178	0.308	1.03	7.75	3.40	1.08	0.488	0.413	1.16	0.881	0.488	15
16	0.3828	0.2148	0.473	1.25	6.71	3.25	1.03	0.884	0.398	1.18	1.00	0.723	16
17	0.3708	0.2208	0.381	1.63	7.82	3.36	1.01	0.889	0.820	1.18	0.981	0.834	17
18	0.3688	0.2408	0.471	2.24	7.38	3.45	1.03	0.884	0.817	1.14	1.08	0.883	18
19	0.3688	0.2588	0.627	2.82	6.87	3.32	1.02	0.863	0.848	1.04	1.08	0.722	19
20	0.3678	0.2888	0.698	2.85	6.08	3.07	0.978	0.881	0.847	1.08	0.884	0.834	20
21	0.3788	0.3188	0.818	2.88	4.85	2.82	0.850	0.844	0.488	1.06	0.931	0.8898	21
22	0.3488	0.3888	0.730	2.38	4.89	2.82	0.780	0.474	0.480	1.18	0.987	0.8258	22
23	0.3318	0.3888	0.608	2.18	5.82	2.44	0.774	0.440	0.481	1.18	0.940	0.4788	23
24	0.3108	0.3808	0.585	2.10	7.35	2.30	0.787	0.420	0.850	1.18	0.887	0.4358	24
25	0.3078	0.3418	0.488	2.21	8.31	2.20	0.717	0.431	0.898	1.14	0.884	0.4008	25
26	0.2888	0.3898	0.570	1.98	5.38	2.11	0.726	0.488	0.878	1.27	0.3008	0.5008	26
27	0.2678	0.4088	0.640	2.04	5.88	2.00	0.881	0.880	1.08	1.26	0.5508	0.5808	27
28	0.2628	0.3488	0.886	2.18	5.83	2.08	0.888	0.478	0.844	1.14	0.6808	0.6428	28
29	0.3078	0.3718	0.802	2.48	5.88	1.98	0.877	0.402	0.848	1.10	0.6008	0.6738	29
30	0.2528		0.408	2.89	5.88	1.78	0.881	0.338	0.824	1.13	0.972	0.6818	30
31	0.2678		0.488		6.26		0.891	0.378		1.12		0.4888	31
TOTAL	8.703	7.868	14.809	47.184	187.82	117.94	33.481	17.038	16.318	36.880	27.288	21.704	TOTAL
MEAN	0.281	0.271	0.488	1.57	6.06	3.93	1.08	0.548	0.544	1.19	0.910	0.700	MEAN
MAX	0.438	0.408	0.818	2.85	11.6	6.16	1.40	1.02	1.08	1.35	1.08	0.848	MAX
MIN	0.148	0.214	0.308	0.808	2.38	1.78	0.891	0.338	0.285	0.880	0.880	0.400	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.47
MAXIMUM DAILY, 11.8 ON MAY 13
MINIMUM DAILY, 0.1488 ON JAN 8
MAXIMUM INSTANTANEOUS,
13.2 AT 10:00 MST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 17 36 N
LONG 113 47 38 W
DRAINAGE AREA, 236 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	782	JUL 2	880
FEB	680	AUG 1	470
MAR 1	250	SEP 1	410
APR 4	070	OCT 3	180
MAY 10	200	NOV 2	380
JUN 10	200	DEC 1	880

TOTAL DISCHARGE, 46 400 dam³

DUTCH CREEK NEAR THE MOUTH - STATION NO. 08AA028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.378	3.68	1.37	0.808	0.338	0.387	---	---	1
2	---	---	---	---	1.218	3.32	1.33	0.881	0.328	0.378	---	---	2
3	---	---	---	---	1.128	3.04	1.83	0.703	0.317	0.363	---	---	3
4	---	---	---	---	1.228	3.24	1.34	0.821	0.318	0.368	---	---	4
5	---	---	---	---	1.41	4.07	1.81	0.880	0.315	0.384	---	---	5
6	---	---	---	---	1.88	4.38	1.80	0.881	0.308	0.341	---	---	6
7	---	---	---	---	1.86	5.82	1.31	0.884	0.322	0.332	---	---	7
8	---	---	---	---	2.17	7.52	1.22	0.817	0.324	0.321	---	---	8
9	---	---	---	---	2.62	8.07	1.15	0.843	0.318	0.311	---	---	9
10	---	---	---	---	3.00	8.11	1.13	0.827	0.320	0.315	---	---	10
11	---	---	---	---	3.88	6.83	1.11	0.823	0.328	0.308	---	---	11
12	---	---	---	---	4.58	6.03	1.08	0.811	0.328	0.286	---	---	12
13	---	---	---	---	4.81	5.08	1.04	0.482	0.308	0.281	---	---	13
14	---	---	---	---	4.11	3.38	1.00	0.470	0.304	0.280	---	---	14
15	---	---	---	---	3.80	3.18	0.980	0.470	0.288	0.288	---	---	15
16	---	---	---	---	3.81	3.18	0.834	0.471	0.291	0.603	---	---	16
17	---	---	---	---	4.00	3.08	0.892	0.463	0.338	0.481	---	---	17
18	---	---	---	---	3.80	2.94	0.885	0.448	0.334	0.376	---	---	18
19	---	---	---	1.98 B	3.24	2.78	0.846	0.438	0.343	0.343	---	---	19
20	---	---	---	1.83 B	3.08	2.87	0.788	0.480	0.378	0.335	---	---	20
21	---	---	---	1.53 B	2.84	2.43	0.748	0.480	0.343	0.317	---	---	21
22	---	---	---	1.36 B	3.16	2.38	0.711	0.418	0.318	0.388	---	---	22
23	---	---	---	1.27 B	3.76	2.18	0.883	0.388	0.333	0.332	---	---	23
24	---	---	---	1.33 B	3.85	2.05	0.868	0.361	0.348	0.318	---	---	24
25	---	---	---	1.08 B	3.38	1.88	0.838	0.371	0.444	0.308	---	---	25
26	---	---	---	0.8638	3.28	1.78	0.821	0.418	0.733	0.2858	---	---	26
27	---	---	---	0.8888	3.27	1.70	0.808	0.400	0.481	0.2858	---	---	27
28	---	---	---	1.26 B	3.13	1.71	0.883	0.377	0.440	0.2448	---	---	28
29	---	---	---	1.62 B	3.48	1.88	0.870	0.358	0.388	0.3208	---	---	29
30	---		---	1.72 B	3.58	1.48	0.846	0.338	0.388	0.306	---	---	30
31	---		---		4.38		0.848	0.337		0.373A		---	31
TOTAL	---	---	---	---	98.51	98.84	29.878	18.807	10.885	10.887	---	---	TOTAL
MEAN	---	---	---	---	3.08	3.29	0.964	0.590	0.355	0.343	---	---	MEAN
MAX	---	---	---	---	4.81	7.52	1.53	0.881	0.733	0 603	---	---	MAX
MIN	---	---	---	---	1.12	1.48	0.846	0.337	0.288	0.244	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.42
MAXIMUM DAILY, 7.52 ON JUN 6
MINIMUM DAILY, 0.2448 ON OCT 26
MAXIMUM INSTANTANEOUS,
8.07 AT 00:30 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 05 N
LONG 114 35 48 W
DRAINAGE AREA, 143 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 2	580
FEB	---	AUG 1	340
MAR	---	SEP	821
APR	---	OCT	818
MAY 8	280	NOV	---
JUN 8	520	DEC	---

TOTAL DISCHARGE, 22 800 dam³

EAST PRAIRIE RIVER NEAR ENILDA - STATION NO. 07BF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1608	1.628	5.20	2.07	10.4	4.37	1.62	1.25	---	---	1
2	---	---	0.1528	2.078	9.86	4.03	13.2 E	4.28E	1.62	1.25	---	---	2
3	---	---	0.1528	2.538	7.00	3.61	16.0	4.18E	1.43	1.25	---	---	3
4	---	---	0.1608	3.008	6.04	5.76	9.23	4.09	1.43	1.25	---	---	4
5	---	---	0.1348	3.538	5.48	4.37	9.23	3.81	1.25	1.25	---	---	5
6	---	---	0.1348	4.098	5.20	5.48	11.5	3.53	1.25	1.20 E	---	---	6
7	---	---	0.1348	3.818	4.83	3.53	233	3.00	1.18E	1.25	---	---	7
8	---	---	0.1348	4.098	4.86	3.25	192	2.77	1.18E	1.25	---	---	8
9	---	---	0.1608	4.098	4.37	6.04	71.7	3.00	1.38E	1.25	---	---	9
10	---	---	0.1348	5.48	4.37	108	68.4	3.01E	1.80E	1.25	---	---	10
11	---	---	0.1608	5.20	4.08	75.0	62.1	3.00	1.78E	1.08	---	---	11
12	---	---	0.1608	5.20	5.20	63.4	50.2	3.00	1.88E	1.08	---	---	12
13	---	---	0.2738	5.76	4.86	68.5	258	3.41E	1.82E	1.08 E	---	---	13
14	---	---	0.2858	5.76	4.83	44.8	139	3.80E	1.84E	1.08	---	---	14
15	---	---	0.2738	5.48	20.6	29.6	80.8	4.09	1.82	1.08	---	---	15
16	---	---	0.4118	7.00	57.0	21.4	42.8	3.53	1.40E	1.00 E	---	---	16
17	---	---	0.4118	10.4	32.2	16.4	35.5	3.25	1.50E	0.941	---	---	17
18	---	---	0.9418	14.1	20.3	14.1	28.3	3.00	1.70E	0.941	---	---	18
19	---	---	1.25 B	11.8	15.0	12.2	21.4	3.00E	1.85E	0.941	---	---	19
20	---	---	1.08 B	11.8	11.8	14.5	18.7	3.28E	1.80E	0.850E	---	---	20
21	---	---	1.30 B	14.1	10.4	11.8	17.5	4.80E	2.00E	0.841	---	---	21
22	---	---	1.45 B	16.9	8.12	9.61	14.8 E	5.55E	2.30E	0.830E	---	---	22
23	---	---	1.96 B	16.9	6.76	7.74	12.0 E	5.76	2.04E	0.841	---	---	23
24	---	---	1.72 B	15.5	4.83	8.04	9.23	5.48	2.30	0.841	---	---	24
25	---	---	1.57 B	12.2	4.83	6.20	8.48	4.86	2.07	0.900E	---	---	25
26	---	---	1.55 B	10.8	5.76	5.48	7.37	4.37E	2.07	0.873E	---	---	26
27	---	---	1.80 B	7.37	4.86	5.20	6.62	3.53	1.84	0.749E	---	---	27
28	---	---	1.82 B	8.82	3.53	4.83	5.48	2.77	1.62	0.749E	---	---	28
29	---	---	2.07 B	8.32	3.26	4.83	4.83	2.30	1.84	0.868E	---	---	29
30	---		1.43 B	5.48	3.26	9.61	4.37	2.07	1.43	0.868E	---	---	30
31	---		1.62 B		2.77		4.37E	1.84		1.32		---	31
TOTAL	---	---	24.487	226.80	289.34	590.48	1 486.82	112.44	51.00	32.849	---	---	TOTAL
MEAN	---	---	0.790	7.63	9.86	20.0	47.3	3.63	1.70	1.08	---	---	MEAN
MAX	---	---	2.07	16.9	57.0	108	258	5.76	2.84	1.32	---	---	MAX
MIN	---	---	0.134	1.62	2.77	2.07	4.37	1.84	1.18	0.749	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.5
MAXIMUM DAILY, 258 ON JUL 13
MINIMUM DAILY, 0.1348 ON MAR 5 -
MAXIMUM INSTANTANEOUS,
341 AT 01:00 MST ON JUL 5

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 25 00 N
LONG 118 20 20 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	127 000
FEB	---	AUG	9 710
MAR	2 130	SEP	4 410
APR	19 600	OCT	2 840
MAY	25 000	NOV	---
JUN	51 000	DEC	---

TOTAL DISCHARGE, 244 000 dam³

REMARKS - PEAK FLOW WAS OBTAINED FROM HIGH WATER MARK. TIME IS APPROXIMATE

EASTERN IRRIGATION DISTRICT EAST BRANCH CANAL NEAR LATHOM - STATION NO. 05CJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	39.4	40.3	38.7	38.0	37.2	38.8	0	0	1
2	---	---	---	0	39.4	39.3	38.6	38.3	37.7	38.3	0	0	2
3	---	---	---	0	38.4	38.7	38.6	34.9	37.7	38.5	0	0	3
4	---	---	---	0	38.7	38.8	38.4	34.5	37.2	34.8	0	0	4
5	---	---	---	0	33.1	38.8	37.1	34.7	37.2	34.2	0	0	5
6	---	---	---	0	31.8	38.4	37.8	36.5	37.1	33.6	0	0	6
7	---	---	---	0	27.6	38.8	37.2	36.9	38.3	34.0	0	0	7
8	---	---	---	0	26.8	39.2	37.5	36.6	38.3	34.7	0	0	8
9	---	---	---	0	34.3	38.5	37.4	36.6	39.4	38.1	0	0	9
10	---	---	---	0	39.8	40.7	37.1	37.5	39.2	38.0	0	0	10
11	---	---	---	0	19.8	41.3	38.8	37.0	39.4	38.7	0	0	11
12	---	---	---	0	19.6	41.4	38.1	37.1	39.7	39.5	0	0	12
13	---	---	---	7.20	21.7	40.8	36.8	37.7	40.0	23.2	0	0	13
14	---	---	---	11.8	24.6	39.1	36.8	38.2	39.7	19.6	0	0	14
15	---	---	---	14.8	30.1	40.1	35.8	37.8	40.4	17.5	0	0A	15
16	---	---	---	14.5	34.5	39.4	35.8	36.0	39.7	17.2	0	---	16
17	---	---	---	14.7	35.7	39.3	35.7	36.7	39.7	15.4	0	---	17
18	---	---	---	18.0	36.4	39.0	36.0	37.5	39.0	2.68A	0	---	18
19	---	---	---	22.7	36.9	37.2	37.3	36.6	39.6	0	0	---	19
20	---	---	---	26.7	36.6	37.2	36.1	37.1	39.9	0	0	---	20
21	---	---	---	29.9	36.4	36.2	37.6	37.2	39.2	0	0	---	21
22	---	---	---	30.6	36.0	37.4	36.3	37.4	39.0	0	0	---	22
23	---	---	---	31.5	37.0	36.6	33.4	36.8	39.2	0	0	---	23
24	---	---	---	31.5	36.2	36.1	33.1	36.8	36.1	0	0	---	24
25	---	---	---	30.3	36.1	36.6	34.6	36.8	37.1	0	0	---	25
26	---	---	---	29.3	36.8	36.2	36.7	37.0	36.0	0	0	---	26
27	---	---	---	28.7	40.2	36.3	37.2	37.0	36.3	0	0	---	27
28	---	---	---	40.6	40.1	36.6	36.1	37.2	37.4	0	0	---	28
29	---	---	---	40.7	40.4	36.4	36.3	37.4	36.7	0	0	---	29
30	---		0A	39.6	40.8	36.8	36.8	37.6	36.7	0	0	---	30
31	---		0		40.0		36.8	37.1		0		---	31
TOTAL	---	---	---	480.80	1 043.6	1 100.1	1 126.3	1 143.1	1 185.3	510.68	0	---	TOTAL
MEAN	---	---	---	16.6	33.7	36.3	36.3	36.9	38.6	16.5	0	---	MEAN
MAX	---	---	---	40.7	40.8	41.4	38.3	38.7	40.4	38.3	0	---	MAX
MIN	---	---	---	0	19.6	36.4	33.1	34.5	36.7	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.1
MAXIMUM DAILY, 41.4 ON JUN 12
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 15 N
LONG 113 20 29 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	87 300
FEB	---	AUG	86 600
MAR	---	SEP	89 600
APR	42 400	OCT	44 100
MAY	80 200	NOV	0
JUN	89 400	DEC	---

TOTAL DISCHARGE, 672 000 dam³

EASTERN IRRIGATION DISTRICT NORTH BRANCH CANAL NEAR BASSANO - STATION NO. 05CJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	1.60	13.6	7.22	11.3	3.86	1.89	0	0	1
2	---	---	---	0 E	1.61	14.0	7.35	11.4	3.86	1.87	0	0	2
3	---	---	---	0 E	4.22	13.8	7.25	10.6	3.82	1.88	0	0	3
4	---	---	---	0 E	4.60	13.7	7.27	10.4	3.83	1.86	0	0	4
5	---	---	---	0 E	4.60	13.7	7.45	10.4	3.48	1.82	0	0	5
6	---	---	---	0 E	4.20	14.0	8.27	10.8	2.83	1.82	0	0	6
7	---	---	---	0 E	4.31	13.8	10.8	10.8	2.48	1.48	0	0	7
8	---	---	---	0 A	4.18	13.7	11.4	10.3	2.40	1.43	0	0	8
9	---	---	---	0	4.06	13.1	11.5	10.8	2.22	1.62	0	0	9
10	---	---	---	0	3.89	13.7	11.5	10.8	2.19	1.38	0	0	10
11	---	---	---	0	3.82	13.7	11.6	10.7	2.22	2.20	0	0	11
12	---	---	---	0	3.88	13.8	11.5	10.5	2.27	2.81	0	0	12
13	---	---	---	0	3.81	13.4	11.6	10.8	2.34	2.48	0	0	13
14	---	---	---	0	3.78	12.9	11.6	10.8	2.41	2.48	0	0	14
15	---	---	---	0	3.89	13.4	11.5	10.7	2.33	2.43	0	0A	15
16	---	---	---	0	8.22	8.87	11.5	8.61	2.31	2.39	0	---	16
17	---	---	---	0	8.51	7.17	11.5	8.46	2.26	1.00	0	---	17
18	---	---	---	1.22	11.3	7.28	11.9	8.21	2.31	0	0	---	18
19	---	---	---	1.83	11.8	7.19	11.9	8.06	2.36	0	0	---	19
20	---	---	---	1.84	13.0	7.08	11.8	8.13	2.30	0	0	---	20
21	---	---	---	1.84	13.3	8.06	11.8	8.22	2.40	0	0	---	21
22	---	---	---	1.84	13.1	7.82	9.84	8.32	2.37	0	0	---	22
23	---	---	---	1.84	12.8	7.61	8.68	8.17	2.36	0	0	---	23
24	---	---	---	1.88	12.3	7.69	8.10	8.12	2.30	0	0	---	24
25	---	---	---	1.86	12.1	7.81	7.98	8.08	2.17	0	0	---	25
26	---	---	---	2.04	12.8	7.75	7.28	8.21	2.14	0	0	---	26
27	---	---	---	2.02	13.0	7.72	7.81	8.14	1.87	0	0	---	27
28	---	---	---	1.88	13.0	7.74	7.85	8.18	1.78	0	0	---	28
29	---	---	---	1.78	13.4	7.80	10.0	8.06	1.88	0	0	---	29
30	---		---	1.86	13.0	7.38	11.7	4.13	1.87	0	0	---	30
31	---		---		13.5		11.4	3.82		0		---	31
TOTAL	---	---	---	33.81	281.68	320.28	308.70	288.88	72.84	30.88	0	---	TOTAL
MEAN	---	---	---	0.787	8.12	10.7	9.88	8.28	2.48	0.988	0	---	MEAN
MAX	---	---	---	2.04	13.8	14.0	11.8	11.4	3.86	2.81	0	---	MAX
MIN	---	---	---	0	1.80	7.17	7.08	3.82	1.87	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.19
MAXIMUM DAILY, 14.0 ON JUN 2
MINIMUM DAILY, 0E ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 00 N
LONG 113 25 00 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25 700
FEB	---	AUG	23 200
MAR	---	SEP	6 300
APR	2 040	OCT	2 670
MAY	21 700	NOV	0
JUN	29 700	DEC	---

TOTAL DISCHARGE, 109 000 dam³

EASTERN IRRIGATION DISTRICT SPRINGHILL CANAL NEAR LATHOM - STATION NO. 05CJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	6.02	21.2	18.7	23.6	6.38	3.82	0	0	1
2	---	---	---	0	6.84	18.8	18.8	18.2	6.38	3.82	0	0	2
3	---	---	---	0	8.48	20.0	17.2	16.8	6.36	4.18	0	0	3
4	---	---	---	0	8.38	20.2	16.8	16.8	6.32	6.04	0	0	4
5	---	---	---	0	11.4	20.1	16.4	16.2	6.24	5.38	0	0	5
6	---	---	---	0	11.8	20.7	14.8	14.7	7.78	5.85	0	0	6
7	---	---	---	0	14.1	20.7	14.8	14.8	8.68	5.78	0	0	7
8	---	---	---	0	14.2	19.2	15.2	14.8	10.2	5.74	0	0	8
9	---	---	---	0	15.8	11.7	16.8	14.8	10.1	5.85	0	0	9
10	---	---	---	0	17.3	8.88	18.3	14.0	10.2	5.84	0	0	10
11	---	---	---	0	17.4	7.82	17.3	13.8	10.1	6.30	0	0	11
12	---	---	---	0	17.3	7.88	18.3	13.2	10.1	6.82	0	0	12
13	---	---	---	0	17.7	7.88	21.0	12.1	10.0	6.82	0	0	13
14	---	---	---	0	18.4	7.82	22.8	13.3	8.88	7.11	0	0	14
15	---	---	---	0	22.3	8.88	24.8	12.4	8.78	7.21	0	0A	15
16	---	---	---	0	26.8	8.06	24.8	11.8	8.72	7.14	0	---	16
17	---	---	---	0	27.7	8.28	24.8	8.81	8.87	2.88	0	---	17
18	---	---	---	0	28.7	8.28	24.3	8.37	8.83	2.80	0	---	18
19	---	---	---	0	23.0	8.30	24.1	8.27	8.16	0.788	0	---	19
20	---	---	---	0	22.1	7.78	24.4	8.48	7.88	0.181	0	---	20
21	---	---	---	0	22.1	10.8	24.4	8.18	8.48	0	0	---	21
22	---	---	---	0	22.8	12.8	28.7	8.08	8.88	0	0	---	22
23	---	---	---	0	22.1	14.8	28.8	8.07	8.14	0	0	---	23
24	---	---	---	0	22.2	16.2	28.8	7.88	8.08	0	0	---	24
25	---	---	---	3.21	22.8	17.2	28.7	8.40	4.88	0	0	---	25
26	---	---	---	3.88	22.8	17.4	28.8	8.44	3.83	0	0	---	26
27	---	---	---	3.78	22.7	17.8	28.2	8.48	3.84	0	0	---	27
28	---	---	---	4.22	22.7	18.2	28.0	8.38	3.81	0	0	---	28
29	---	---	---	4.72	22.8	18.2	25.2	8.32	3.87	0	0	---	29
30	---		0A	5.00	23.0	17.8	24.4	8.28	3.88	0	0	---	30
31	---		0		22.8		24.8	8.33		0		---	31
TOTAL	---	---	---	22.84	580.88	411.83	668.3	251.80	218.87	88.817	0	---	TOTAL
MEAN	---	---	---	0.781	18.2	13.7	21.8	11.4	7.30	3.12	0	---	MEAN
MAX	---	---	---	5.00	27.7	21.2	28.7	23.6	10.2	7.21	0	---	MAX
MIN	---	---	---	0	6.02	6.06	14.8	8.28	3.86	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.84
MAXIMUM DAILY, 27.7 ON MAY 17
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 30 N
LONG 112 30 30 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	57 700
FEB	---	AUG	30 400
MAR	---	SEP	16 800
APR	1 850	OCT	8 370
MAY	50 200	NOV	0
JUN	35 800	DEC	---

TOTAL DISCHARGE, 203 000 dam³

ELBOW RIVER ABOVE ELBOW FALLS - STATION NO. 08BJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.668	1.77	2.32	8.18	8.21	8.38	5.84	5.87	3.78	---	1
2	---	---	1.618	1.84	2.30	8.14	8.04	8.78	5.80	5.86	3.75	---	2
3	---	---	1.608	1.82	2.28	7.84	8.38	12.0	5.35	5.84	3.85A	---	3
4	---	---	1.588	1.78	2.38	8.78	8.22	18.3	5.17	5.78	---	---	4
5	---	---	1.588	1.71	2.61	9.68	8.87	18.1	4.88	5.82	---	---	5
6	---	---	1.588	1.78	3.08	11.8	7.38	12.8	4.82	5.81	---	---	6
7	---	---	1.588	1.85	3.11	18.1	8.58	10.3	4.82	5.38	---	---	7
8	---	---	1.588	1.78	3.14	28.7	8.12	8.88	4.88	5.28	---	---	8
9	---	---	1.608	1.84	3.80	20.8	8.48	7.88	4.84	5.12	---	---	9
10	---	---	1.608	1.85	4.32	18.8	8.81	7.28	4.88	5.04	---	---	10
11	---	---	1.588	1.81	8.38	14.3	8.78	8.88	4.88	4.87	---	---	11
12	---	---	1.638	1.83	8.71	11.8	8.83	8.87	4.82	4.88	---	---	12
13	---	---	1.628	1.73	11.8	10.5	8.71	8.18	4.88	4.81	---	---	13
14	---	---	1.648	1.80	8.81	8.88	8.81	8.82	4.82	4.71	---	---	14
15	---	---	1.628	1.85	7.42	8.38	8.48	8.74	4.44	4.88	---	---	15
16	---	---	1.628	1.85	7.28	8.88	8.28	8.84	4.88	4.88	---	---	16
17	---	1.728	1.618	1.88	8.88	11.1	8.15	8.48	4.88	4.48	---	---	17
18	---	1.718	1.618	2.00	7.12	11.8	8.08	8.40	4.84	4.35	---	---	18
19	---	1.718	1.618	2.14	8.05	10.6	4.98	8.18	4.88	4.34	---	---	19
20	---	1.728	1.668	2.18	8.88	8.87	4.88	8.11	4.89	4.28	---	---	20
21	---	1.728	1.688	2.14	8.38	8.24	4.77	8.88	4.87	4.23	---	---	21
22	---	1.738	1.668	2.08	8.72	8.87	4.78	8.81	4.82	4.27	---	---	22
23	---	1.718	1.668	2.08	8.24	8.88	4.72	8.44	4.87	4.16	---	---	23
24	---	1.718	1.668	2.10	9.07	8.08	4.80	8.28	4.88	4.07	---	---	24
25	---	1.708	1.678	2.11	7.30	7.88	4.88	8.10	4.83	4.02	---	---	25
26	---	1.688	1.678	2.10	7.21	7.11	4.48	12.3	4.86	4.10	---	---	26
27	---	1.688	1.668	2.18	7.31	7.07	4.40	9.87	4.88	3.98	---	---	27
28	---	1.688	1.648	2.18	8.83	7.34	4.33	8.18	4.88	3.80	---	---	28
29	---	1.688	1.648	2.26	7.06	7.10	4.24	7.31	4.82	3.88	---	---	29
30	---		1.628	2.37	7.48	8.62	4.12	8.83	8.17	3.88	---	---	30
31	---		1.648		10.1		4.23	8.34		3.72		---	31
TOTAL	---	---	50.48	58.14	188.88	328.81	188.11	247.41	142.88	145.14	---	---	TOTAL
MEAN	---	---	1.63	1.84	8.09	10.8	8.38	7.88	4.78	4.88	---	---	MEAN
MAX	---	---	1.88	2.37	11.8	28.7	7.30	18.3	8.84	8.88	---	---	MAX
MIN	---	---	1.88	1.84	2.28	8.82	4.12	8.10	4.44	3.88	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.41
MAXIMUM DAILY, 28.7 ON JUN 8
MINIMUM DAILY, 1.588 ON MAR 8
MAXIMUM INSTANTANEOUS,
38.3 AT 02:17 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 81 20 N
LONG 114 47 37 W
DRAINAGE AREA, 437 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 14 400	
FEB	---	AUG 21 400	
MAR	4 280	SEP 12 300	
APR	8 020	OCT 12 800	
MAY	16 200	NOV ---	
JUN	28 200	DEC ---	

TOTAL DISCHARGE, 114 000 dam³

ELBOW RIVER AT BRAGG CREEK - STATION NO. 08BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.418	1.888	2.448	3.88	4.43	11.2	7.88	8.33	7.37	8.82	8.37	3.788	1
2	2.388	1.888	2.388	4.83	4.33	8.88	7.43	11.2	8.88	8.38	8.47	3.728	2
3	2.388	1.878	2.358	4.84	4.28	8.31	7.73	13.7	8.78	8.11	8.48	3.888	3
4	2.358	2.838	2.308	3.77	4.42	18.3	7.78	17.1	8.87	7.88	8.38	3.478	4
5	2.328	2.848	2.288	3.88	4.77	11.3	7.84	18.1	8.44	7.78	8.18	3.238	5
6	2.388	2.838	2.318	3.78	5.88	12.8	8.78	14.4	8.28	7.82	8.33	3.888	6
7	2.218	2.818	2.488	3.88	6.88	17.7	7.88	12.3	8.28	7.48	8.13	3.208	7
8	2.148	2.888	2.818	3.84	6.84	28.8	7.27	18.7	8.14	7.28	4.82	3.488	8
9	2.838	2.188	2.588	3.42	6.88	22.4	7.82	8.88	8.88	7.13	4.78	3.788	9
10	1.988	2.828	2.528	3.83	8.18	18.8	8.88	8.84	8.88	8.87	4.788	3.838	10
11	1.878	2.888	2.888	3.85	8.87	18.7	7.13	8.81	8.82	8.88	4.888	3.788	11
12	1.988	2.158	2.688	4.81	8.83	14.4	7.88	8.28	8.38	8.78	4.588	3.428	12
13	2.888	2.518	2.588	3.88	12.8	12.8	8.83	7.87	8.32	8.88	4.388	3.158	13
14	2.158	2.828	2.418	4.87	12.3	11.8	8.72	7.34	8.27	8.88	4.228	3.138	14
15	2.388	2.928	2.448	4.28	9.78	11.3	8.84	7.14	8.21	8.82	4.158	3.438	15
16	2.338	2.638	2.578	4.48	8.88	11.8	8.48	8.88	8.32	8.48	4.208	3.788	16
17	2.218	2.728	2.728	4.43	10.8	12.8	8.32	8.84	8.88	8.38	4.388	4.888	17
18	2.138	2.888	2.888	4.48	8.22	13.4	8.24	7.83	8.48	8.23	4.258	4.888	18
19	2.148	2.738	2.91	4.88	7.81	12.1	8.13	8.78	8.88	8.87	4.838	4.178	19
20	2.218	2.788	3.81	4.77	7.38	11.2	8.87	8.24	8.83	8.82	4.188	3.878	20
21	2.288	2.738	3.88	4.88	7.88	18.8	8.88	8.88	8.88	8.81	4.888	3.488	21
22	2.318	2.848	3.18	4.48	7.15	18.3	8.72	8.78	8.78	8.82	3.888	3.288	22
23	2.328	2.888	3.88	4.34	8.32	8.88	8.88	7.42	8.78	8.87	3.888	3.148	23
24	2.318	2.888	3.81	4.38	11.1	8.88	8.88	7.14	8.88	8.88	2.888	2.828	24
25	2.288	2.878	3.82	4.22	8.38	8.12	8.87	7.88	8.82	8.78	2.828	2.888	25
26	2.288	2.788	3.11	4.14	8.88	8.87	8.48	12.8	7.13	8.83	2.828	2.728	26
27	2.138	2.838	3.18	4.28	8.82	8.88	8.42	11.3	8.88	8.87	2.188	2.738	27
28	1.888	2.578	3.28	4.38	8.38	8.78	8.38	8.88	8.88	8.47	2.288	2.788	28
29	1.818	2.528	3.83	4.42	8.88	8.88	8.27	8.88	8.82	8.48	2.488	2.888	29
30	1.828		2.88	4.88	8.88	8.14	8.24	8.28	7.21	8.24	2.888	2.888	30
31	1.788		3.88		12.8		8.33	7.77		8.31		2.888	31
TOTAL	87.42	88.77	84.88	124.18	248.28	373.88	282.31	288.38	198.38	203.88	127.24	103.71	TOTAL
MEAN	2.17	2.41	2.74	4.14	7.84	12.4	8.12	8.88	8.88	8.87	4.24	3.38	MEAN
MAX	2.41	2.82	3.28	4.88	12.8	28.8	8.78	18.1	7.37	8.28	8.47	4.17	MAX
MIN	1.78	1.88	2.28	3.42	4.28	8.14	8.24	8.78	8.88	8.24	2.88	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.73
MAXIMUM DAILY, 28.8 ON JUN 8
MINIMUM DAILY, 1.788 ON JAN 31
MAXIMUM INSTANTANEOUS,
37.3 AT 08:12 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 53 N
LONG 114 34 10 W
DRAINAGE AREA, 781 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 530	JUL 17 800	
FEB	5 030	AUG 25 800	
MAR	7 340	SEP 17 200	
APR	10 700	OCT 17 800	
MAY	21 300	NOV 11 000	
JUN	32 200	DEC 8 850	

TOTAL DISCHARGE, 181 000 dam³

ELBOW RIVER AT SARCEE BRIDGE - STATION NO. 05BJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	11.2	7.62	8.86	7.40	7.30	8.87	---	1
2	---	---	---	---	---	10.2	7.18	12.8	8.98	7.87	8.86A	---	2
3	---	---	---	---	---	9.11	7.28	11.7	8.86	7.78	---	---	3
4	---	---	---	---	---	8.88	7.80	11.5	8.28	7.72	---	---	4
5	---	---	---	---	---	11.1	8.48	14.9	8.17	7.87	---	---	5
6	---	---	---	---	---	11.8	8.13	16.2	8.86	7.38	---	---	6
7	---	---	---	---	---	15.1	8.16	13.7	8.82	7.24	---	---	7
8	---	---	---	---	---	20.4	7.20	11.8	8.86	8.87	---	---	8
9	---	---	---	---	---	20.9	8.73	10.3	8.81	8.86	---	---	9
10	---	---	---	---	8.87	21.4	8.47	9.31	8.21	8.87	---	---	10
11	---	---	---	---	8.21	18.6	8.36	10.2	8.81	8.86	---	---	11
12	---	---	---	---	7.87	15.8	8.40	9.04	8.36	8.42	---	---	12
13	---	---	---	---	11.0	17.2	8.23	8.87	8.14	8.42	---	---	13
14	---	---	---	---	12.2	15.7	8.06	7.80	8.00	8.34	---	---	14
15	---	---	---	---	10.2	11.1	8.84	7.26	8.81	8.27	---	---	15
16	---	---	---	---	8.87	11.3	8.71	7.27	8.03	8.26	---	---	16
17	---	---	---	---	8.8*	12.0	8.66	7.25	8.80	8.16	---	---	17
18	---	---	---	---	8.84	14.3	8.63	7.47	8.82	8.86	---	---	18
19	---	---	---	---	8.21	12.6	8.34	7.06	8.41	8.86	---	---	19
20	---	---	---	---	7.44	11.2	8.03	8.16	8.76	8.87	---	---	20
21	---	---	---	---	7.28	10.8	4.84	10.8	8.88	8.70	---	---	21
22	---	---	---	---	7.01	10.1	4.88	8.88	8.40	8.81	---	---	22
23	---	---	---	---	7.86	9.88	4.86	7.78	8.83	8.87	---	---	23
24	---	---	---	---	10.0	9.13	4.81	7.23	7.46	8.80	---	---	24
25	---	---	---	---	9.78	8.88	4.46	7.01	7.21	8.70	---	---	25
26	---	---	---	---	8.81	8.14	4.41	9.13	7.24	8.86	---	---	26
27	---	---	---	---	8.23	7.81	4.26	12.8	7.08	8.86	---	---	27
28	---	---	---	---	8.26	8.08	4.33	10.4	8.89	8.80	---	---	28
29	---	---	---	---	8.13	8.87	4.41	9.17	8.88	8.81	---	---	29
30	---		---	---	8.86	8.33	4.21	8.42	8.76	8.48	---	---	30
31	---		---		10.8		4.20	7.83		8.83		---	31
TOTAL	---	---	---	---	---	376.31	182.82	312.30	196.03	198.27	---	---	TOTAL
MEAN	---	---	---	---	---	12.8	5.90	10.1	8.53	8.40	---	---	MEAN
MAX	---	---	---	---	---	20.4	8.73	16.2	7.46	7.87	---	---	MAX
MIN	---	---	---	---	---	7.81	4.21	7.01	8.81	8.48	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 20.4 ON JUN 8

MAXIMUM INSTANTANEOUS,
35.1 AT 14:58 MST ON JUN 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 40 N
LONG 114 10 00 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	18 600
FEB	---	AUG	27 000
MAR	---	SEP	18 900
APR	---	OCT	17 100
MAY	---	NOV	---
JUN	32 700	DEC	---

ELBOW RIVER BELOW GLENMORE DAM - STATION NO. 05BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.288	1.288	1.24	1.18	1.20	7.86	3.88	2.12	4.73	3.81	1.82	1.21	1
2	1.278	1.288	1.20	1.18	1.23	7.88	4.04	1.48	4.84	3.81	1.80	1.27	2
3	1.278	1.288	1.24	1.18	1.25	8.78	3.78	2.10	2.83	4.18	1.84	1.28	3
4	1.288	1.288	1.18	1.17	1.24	7.82	3.78	8.40	4.13	4.48	1.81	1.27	4
5	1.318	1.288	1.18	1.18	1.28	7.36	4.27	12.2	2.80	4.74	1.86	1.28	5
6	1.338	1.288	1.18A	1.18	1.22	8.18	8.78	14.3	7.80	4.72	2.24	1.288	6
7	1.338	1.278	1.20A	1.18	1.23	12.8	8.18	11.4	11.8	4.88	2.13	1.288	7
8	1.328	1.278	1.21	1.18	1.23	24.8	8.38	8.87	10.7	4.88	1.88	1.288	8
9	1.328	1.288	1.26	1.18	1.23	31.8	8.37	8.78	7.38	4.42	1.28	1.27	9
10	1.318	1.288	1.38	1.17	1.23	20.8	8.38	8.28	2.18	4.18	1.28	1.27	10
11	1.318	1.288	1.34	1.18	1.27	18.8	8.26	8.18	2.88	3.84	1.28	1.27	11
12	1.328	1.228	1.28	1.17	1.28	11.8	8.28	8.77	8.81	8.78	1.23	1.27	12
13	1.318	1.288	1.28	1.18	1.24	8.18	8.87	8.88	10.7	4.48	1.28	1.28	13
14	1.288	1.288	1.31	1.17	1.25	8.88	8.11	8.81	8.88	3.28	2.34	1.28	14
15	1.238	1.288	1.33	1.28	1.28	8.78	4.81	2.88	1.28	2.84	8.88	1.28	15
16	1.218	1.188	1.36	1.18	1.28	8.28	4.87	2.87	1.31	2.78	8.82	1.24	16
17	1.228	1.178	1.43	1.18	1.28	4.43	3.88	2.82	1.35	2.83	3.88	1.22	17
18	1.238	1.188	1.28	2.83	1.30	8.88	1.37	4.38	1.28	2.84	1.87	1.22	18
19	1.218	1.228	1.26	2.28	1.31	7.18	1.28	2.28	1.33	2.47	1.87	1.288	19
20	1.208	1.218	1.23	1.18	1.34	7.88	1.28	8.88	1.33	2.18	1.81	1.488	20
21	1.208	1.218	1.24	1.17	1.33	7.88	1.38	8.78	1.34	2.08	1.27	1.488	21
22	1.208	1.288	1.23	1.18	1.33	7.47	1.27	3.84	1.33	1.88	1.28	1.388	22
23	1.238	1.318	1.23	1.18	1.33	8.18	1.36	1.88	1.38	2.08	1.28	1.308	23
24	1.238	1.288	1.25	1.18	1.33	2.28	1.38	1.84	1.41	1.87	1.31	1.188	24
25	1.218	1.21	1.28	1.17	1.33	1.84	1.37	1.28	1.38	1.87	1.32	1.138	25
26	1.208	1.22	1.21	1.18	2.81	3.38	1.38	4.28	1.81	2.28	1.288	1.128	26
27	1.248	1.24	1.24	1.18	2.27	4.38	1.38	4.88	2.21	2.43	1.388	1.118	27
28	1.238	1.22	1.24	1.22	4.22	3.12	1.38	8.87	2.83	2.18	1.28	1.118	28
29	1.308	1.28	1.18	1.21	3.81	3.84	1.37	7.84	3.88	2.81	1.18	1.088	29
30	1.328		1.17	1.18	8.88	4.38	1.38	4.88	3.28	1.88	1.18	1.188	30
31	1.318		1.17		7.82		1.48	3.78		1.78		1.188	31
TOTAL	38.21	38.14	38.88	38.18	88.37	267.44	108.88	172.78	118.88	88.88	88.88	38.48	TOTAL
MEAN	1.28	1.28	1.25	1.27	1.88	8.91	3.44	8.87	3.88	2.18	1.88	1.24	MEAN
MAX	1.33	1.31	1.43	2.83	7.82	24.8	8.78	14.3	11.8	8.78	8.88	1.48	MAX
MIN	1.20	1.17	1.17	1.18	1.20	1.84	1.28	1.28	1.20	1.78	1.18	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.91
MAXIMUM DAILY, 24.8 ON JUN 8
MINIMUM DAILY, 1.068 ON DEC 29
MAXIMUM INSTANTANEOUS,
38.8 AT 18:00 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 55 N
LONG 114 05 23 W
DRAINAGE AREA, 1 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1932

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 280	JUL	9 310
FEB	3 120	AUG	14 800
MAR	3 340	SEP	10 000
APR	3 300	OCT	8 640
MAY	5 040	NOV	4 800
JUN	23 100	DEC	3 220

TOTAL DISCHARGE, 92 390 dam³

ELDER CREEK AT HIGHWAY NO. 886 - STATION NO. 07NB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.0248	0.035	0.156	1.28	0.063	0.006	0.006	0.0188	---	1
2	---	---	0.0018	0.0428	0.070	0.152	0.838	0.058	0.011	0.003	0.0068	---	2
3	---	---	0.0018	0.0508	0.081	0.156	0.633	0.052	0.016	0.003	0.0108	---	3
4	---	---	0.0018	0.0738	0.080	0.156	1.52	0.050	0.014	0.004	0.0118	---	4
5	---	---	0.0018	0.1028	0.028	0.190	1.26	0.042	0.011	0.006	---	---	5
6	---	---	0.0028	0.1108	0.022	0.207	1.28	0.040	0.011	0.006	---	---	6
7	---	---	0.0028	0.1078	0.048	0.258	1.67	0.040	0.011	0.005	---	---	7
8	---	---	0.0028	0.0838	0.047	0.301	1.33	0.038	0.008	0.004	---	---	8
9	---	---	0.0028	0.0668	0.048	0.428	0.864	0.034	0.004	0.004	---	---	9
10	---	---	0.0038	0.0808	0.081	1.73	0.877	0.031	0.003	0.003	---	---	10
11	---	---	0.0038	0.134	0.086	1.28	0.784	0.028	0.001	0	---	---	11
12	---	---	0.0038	0.118	0.070	1.16	0.805	0.028	0	0	---	---	12
13	---	---	0.0038	0.116	0.068	0.822	1.38	0.027	0	0	---	---	13
14	---	---	0.0048	0.138	0.122	0.716	1.32	0.027	0	0	---	---	14
15	---	---	0.0048	0.128	0.478	0.886	1.04	0.026	0	0	---	---	15
16	---	---	0.0058	0.107	0.446	0.488	0.803	0.022	0	0	---	---	16
17	---	---	0.0048	0.098	0.325	0.406	0.626	0.018	0.001	0	---	---	17
18	---	---	0.0048	0.072	0.268	0.324	0.617	0.012	0	0	---	---	18
19	---	---	0.0048	0.063	0.182	0.258	0.418	0.011	0.001	0	---	---	19
20	---	---	0.0048	0.057	0.530	0.209	0.332	0.012	0.001	0.003	---	---	20
21	---	---	0.0048	0.050	0.105	0.184	0.258	0.008	0	0.0058	---	---	21
22	---	---	0.0048	0.053	0.105	0.148	0.193	0.008	0	0.0078	---	---	22
23	---	---	0.0048	0.044	0.107	0.116	0.186	0.008	0	0.0118	---	---	23
24	---	---	0.0058	0.037	0.148	0.092	0.171	0.008	0	0.0088	---	---	24
25	---	---	0.0058	0.041	0.178	0.078	0.180	0.008	0	0.0118	---	---	25
26	---	---	0.0058	0.038	0.152	0.067	0.137	0.008	0	0.0088	---	---	26
27	---	---	0.0038	0.030	0.148	0.066	0.112	0.008	0	0.0038	---	---	27
28	---	---	0.0028	0.034	0.160	0.078	0.101	0.004	0	0.0038	---	---	28
29	---	---	0.0058	0.038	0.162	0.141	0.083	0.004	0	0.0068	---	---	29
30	---		0.0078	0.041	0.178	0.480	0.078	0.008	0.002	0.0118	---	---	30
31	---		0.0118		0.148		0.071	0.004		0.0138		---	31
TOTAL	---	---	0.109	2.232	6.560	11.916	21.589	0.717	0.101	0.141	---	---	TOTAL
MEAN	---	---	0.004	0.074	0.148	0.397	0.696	0.023	0.003	0.005	---	---	MEAN
MAX	---	---	0.011	0.138	0.530	1.73	1.67	0.063	0.016	0.013	---	---	MAX
MIN	---	---	0.001	0.024	0.023	0.065	0.071	0.004	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.189
MAXIMUM DAILY, 1.73 ON JUN 10
MINIMUM DAILY, 0 ON SEP 12
MAXIMUM INSTANTANEOUS,
2.69 AT 03:30 MST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 27 50 N
LONG 116 48 49 W
DRAINAGE AREA, 63.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 870
FEB	---	AUG	61.8
MAR	9.42	SEP	8.73
APR	193	OCT	12.2
MAY	566	NOV	---
JUN	1 030	DEC	---

TOTAL DISCHARGE, 3 660 dam³

ELKWATER LAKE AT ELKWATER - STATION NO. 05AH028

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1226.142	1226.040	1225.830	1225.738	1225.703	1225.650	1225.438	---	1
2	---	---	---	---	1226.141	1226.039	1225.812	1225.732	1225.698	1225.647	1225.437A	---	2
3	---	---	---	---	1226.138	1226.037	1225.807	1225.728	1225.696	1225.641	---	---	3
4	---	---	---	---	1226.131	1226.036	1225.803	1225.723	1225.690	1225.633	---	---	4
5	---	---	---	---	1226.123	1226.033	1225.800	1225.718	1225.685	1225.631	---	---	5
6	---	---	---	---	1226.120	1226.031	1225.805	1225.712	1225.678	1225.630	---	---	6
7	---	---	---	---	1226.120	1226.030	1225.808	1225.708	1225.673	1225.627	---	---	7
8	---	---	1226.032A	---	1226.127	1226.056	1225.803	1225.880	1225.670	1225.627	---	---	8
9	---	---	---	---	1226.123	1226.055	1225.878	1225.882	1225.662	1225.626	---	---	9
10	---	---	---	---	1226.122	1226.047	1225.870	1225.867	1225.655	1225.625	---	---	10
11	---	---	---	---	1226.120	1226.042	1225.859	1225.862	1225.648	1225.622	---	---	11
12	---	---	---	---	1226.116	1226.034	1225.872	1225.877	1225.668	1225.624	---	---	12
13	---	---	---	---	1226.108	1226.032	1225.881	1225.870	1225.664	1225.630	---	---	13
14	---	---	---	---	1226.104	1226.032	1225.880	1225.866	1225.664	1225.617	---	---	14
15	---	---	---	---	1226.101	1226.028	1225.859	1225.864	1225.674	1225.618	---	---	15
16	---	---	---	---	1226.098	1226.021	1226.858	1225.705	1225.674	1225.614	---	---	16
17	---	---	---	---	1226.096	1226.017	1225.854	1225.715	1225.668	1225.611	---	---	17
18	---	---	---	---	1226.093	1226.012	1225.854	1225.708	1225.648	1225.604	---	---	18
19	---	---	---	---	1226.086	1226.007	1225.852	1225.711	1225.650	1225.585	---	---	19
20	---	---	---	---	1226.083	1226.001	1225.846	1225.711	1225.648	1225.587	---	---	20
21	---	---	---	---	1226.078	1225.998	1225.841	1225.712	1225.650	1225.648	---	---	21
22	---	---	1226.081A	---	1226.074	1225.990	1225.832	1225.712	1225.651	1225.627	---	---	22
23	---	---	---	---	1226.089	1225.984	1225.802	1225.712	1225.651	1225.598	---	---	23
24	---	---	---	---	1226.085	1225.978	1225.782	1225.712	1225.651	1225.488	---	---	24
25	---	---	---	---	1226.081	1225.966	1225.780	1225.712	1225.652	1225.474	---	---	25
26	---	---	---	---	1226.085	1225.948	1225.777	1225.712	1225.654	1225.487	---	---	26
27	---	---	---	1226.151A	1226.080	1225.948	1225.773	1225.714	1225.656	1225.441	---	---	27
28	---	---	---	1226.148	1226.048	1225.943	1225.771	1225.714	1225.657	1225.427	---	---	28
29	---	---	1226.103A	1226.147	1226.044	1225.940	1225.784	1225.715	1225.658	1225.428	---	---	29
30	---		---	1226.148	1226.043	1225.931	1225.785	1225.718	1225.652	1225.440	---	---	30
31	---		---		1226.042		1225.746	1225.708		1225.439		---	31
MEAN	---	---	---	---	1226.098	1226.010	1225.844	1225.708	1225.665	1225.568	---	---	MEAN
MAX	---	---	---	---	1226.142	1226.041	1225.830	1225.738	1225.703	1225.650	---	---	MAX
MIN	---	---	---	---	1226.042	1225.931	1225.746	1225.864	1225.648	1225.427	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 44 N
LONG 110 17 10 W

A - MANUAL GAUGE

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
38.0 km²

EMBARRAS RIVER AT ROSS - STATION NO. 07AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.4808	0.336	0.830	0.396	0.315	0.480	---	---	1
2	---	---	---	---	0.4808	0.313	0.708	0.503	0.307	0.483	---	---	2
3	---	---	---	---	0.5008	0.290	0.876	0.443	0.304	0.424	---	---	3
4	---	---	---	---	0.5208	0.269	0.872	0.380	0.305	0.400	---	---	4
5	---	---	---	---	0.5608	0.226	0.711	0.482	0.309	0.389	---	---	5
6	---	---	---	---	0.5908	1.19	0.886	1.44	0.317	0.374	---	---	6
7	---	---	---	---	0.6248	1.44	0.867	1.82	0.320	0.367	---	---	7
8	---	---	---	---	0.6688	5.04	0.726	0.800	0.316	0.362	---	---	8
9	---	---	---	---	0.6388	6.41	0.836	0.807	0.330	0.357	---	---	9
10	---	---	---	---	0.6368	3.89	0.803	0.807	0.517	0.352	---	---	10
11	---	---	---	---	0.5928	4.13	0.806	0.838	0.482	0.349	---	---	11
12	---	---	---	---	0.5848	3.72	0.731	0.477	0.421	0.347	---	---	12
13	---	---	---	0.1068	0.5958	2.82	0.842	0.422	0.376	0.344	---	---	13
14	---	---	---	---	0.6818	2.05	0.880	0.398	0.363	0.338	---	---	14
15	---	---	---	---	0.582	1.87	0.827	0.488	0.347	0.322	---	---	15
16	---	---	---	---	0.576	1.44	0.806	0.837	0.733	0.323	---	---	16
17	---	---	---	---	0.550	1.26	0.489	0.872	0.869	0.328	---	---	17
18	---	---	---	---	0.511	1.11	0.470	0.826	0.548	0.320	---	---	18
19	---	---	---	---	0.490	0.986	0.481	0.875	0.488	0.334	---	---	19
20	---	---	---	0.7128	0.478	0.824	0.429	0.842	0.495	0.328	---	---	20
21	---	---	08	---	0.469	0.671	0.387	0.848	0.554	0.386	---	---	21
22	---	---	---	---	0.476	0.830	0.378	0.886	0.532	0.400	---	---	22
23	---	---	---	---	0.486	0.770	0.386	0.482	0.501	0.377	---	---	23
24	---	---	---	---	0.476	0.703	0.354	0.433	0.473	0.360A	---	---	24
25	---	---	---	1.18 B	0.472	0.662	0.343	0.410	0.488	0.340B	---	---	25
26	---	---	---	---	0.465	0.632	0.333	0.381	0.486	0.330B	---	---	26
27	---	---	---	---	0.435	0.669	0.342	0.375	0.526	0.310B	---	---	27
28	---	---	---	---	0.414	0.703	0.451	0.386	0.606	0.300B	---	---	28
29	---	---	---	---	0.384	1.26	0.400	0.344	0.574	0.280B	---	---	29
30	---		---	---	0.374	1.11	0.355	0.333	0.528	0.270B	---	---	30
31	---		---		0.364		0.339	0.326		0.260B		---	31
TOTAL	---	---	---	---	16.121	47.743	16.803	16.391	13.939	10.883	---	---	TOTAL
MEAN	---	---	---	---	0.520	1.59	0.542	0.583	0.481	0.351	---	---	MEAN
MAX	---	---	---	---	0.681	6.41	0.886	1.82	0.733	0.480	---	---	MAX
MIN	---	---	---	---	0.364	0.269	0.333	0.326	0.304	0.260	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.671
MAXIMUM DAILY, 6.41 ON JUN 6
MINIMUM DAILY, 0.2608 ON OCT 31
MAXIMUM INSTANTANEOUS,
6.81 AT 08:04 MST ON JUN 6

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 19 N
LONG 116 56 04 W
DRAINAGE AREA, 123 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 480
FEB	---	AUG	1 580
MAR	---	SEP	1 170
APR	---	OCT	941
MAY	1 380	NOV	---
JUN	4 120	DEC	---

TOTAL DISCHARGE, 10 700 dam³

EMBARRAS RIVER BELOW DIVERGENCE - STATION NO. 07DD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	51.3	128	112	83.8	28.3	27.2	---	1
2	---	---	---	---	---	61.8	133	101	85.8	24.2	27.6	---	2
3	---	---	---	---	---	74.8	137	84.7	71.0	23.8	30.4	---	3
4	---	---	---	---	---	81.3	137	80.9	73.6	22.6	32.3	---	4
5	---	---	---	---	---	85.3	146	88.0	73.9	21.6	30.6	---	5
6	---	---	---	---	---	89.6	182	83.4	71.4	20.8	30.2	---	6
7	---	---	---	---	---	92.3	174	77.2	87.6	20.6	33.2	---	7
8	---	---	---	---	---	94.2	187	72.0	86.7	20.2	38.4	---	8
9	---	---	---	---	---	93.8	233	67.8	82.5	19.3	39.0	---	9
10	---	---	---	---	---	94.8	266	63.8	87.0	18.6	40.1	---	10
11	---	---	---	---	---	91.8	310	61.5	82.6	20.2	39.9	---	11
12	---	---	---	---	85.2	82.1	410	59.6	48.8	22.1	38.1	---	12
13	---	---	---	---	82.9	104	433	59.0	48.4	22.4	38.8	---	13
14	---	---	---	---	89.6	155	413	62.6	48.8	21.2	34.6	---	14
15	---	---	---	---	87.6	281	398	74.0	48.3	20.0	35.0	---	15
16	---	---	---	---	86.3	245	411	78.4	48.1	19.6	38.9	---	16
17	---	---	---	---	82.2	249	416	71.3	46.8	19.4	34.6	---	17
18	---	---	---	---	48.4	238	417	67.0	45.0	18.6	32.2	---	18
19	---	---	---	---	47.6	313	418	65.1	41.1	18.0	29.6	---	19
20	---	---	---	---	49.1	278	392	62.8	37.8	17.3	27.4	---	20
21	---	---	---	---	58.0	232	354	59.4	35.3	18.8	28.1	---	21
22	---	---	---	---	78.4	206	310	57.4	32.3	17.0	25.4	---	22
23	---	---	---	---	87.6	188	272	56.8	31.0	18.8	24.2	---	23
24	---	---	---	---	81.7	180	241	56.6	30.7	18.6	23.8	---	24
25	---	---	---	---	73.3	171	213	51.1	30.7	18.2	23.6	---	25
26	---	---	---	---	65.2	168	190	56.5	30.8	18.6	24.0	---	26
27	---	---	---	---	63.2	160	169	71.6	31.0	14.3	24.4	---	27
28	---	---	---	---	60.6	136	153	71.8	29.3	31.5	25.6	---	28
29	---	---	---	---	56.6	126	140	66.7	27.6	31.8	28.8	---	29
30	---		---	---	50.6	123	132	64.4	28.2	29.8	29.6E	---	30
31	---		---		49.3		123	63.6		29.0		---	31
TOTAL	---	---	---	---	---	4 843.6	8 020	2 211.3	1 447.2	652.7	918.1	---	TOTAL
MEAN	---	---	---	---	---	161	259	71.3	48.2	21.1	30.6	---	MEAN
MAX	---	---	---	---	---	349	433	112	73.8	31.8	40.1	---	MAX
MIN	---	---	---	---	---	51.3	123	56.5	28.2	14.3	23.6	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 433 ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 25 30 N
LONG 111 33 05 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	693 000
FEB	---	AUG	191 000
MAR	---	SEP	125 000
APR	---	OCT	55 400
MAY	---	NOV	78 400
JUN	418 000	DEC	---

EMBARRAS RIVER BREAKTHROUGH TO MANAWI LAKE - STATION NO. 07KF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	28.0A	68.8	87.2	39.2	19.8	17.8	---	1
2	---	---	---	---	---	32.0	70.9	81.3	38.8	19.8	18.8	---	2
3	---	---	---	---	---	38.8	72.8	68.3	42.6	17.9	19.6	---	3
4	---	---	---	---	---	44.2	71.8	68.6	43.8	17.2	20.8	---	4
5	---	---	---	---	---	48.2	77.3	62.8	44.3	17.4	20.1	---	5
6	---	---	---	---	---	52.2	85.8E	48.8	43.7	17.4E	20.8	---	6
7	---	---	---	---	---	54.2	91.7E	44.6	42.0	17.3E	22.6	---	7
8	---	---	---	---	---	55.3	104 E	40.6	40.3	17.1E	23.8	---	8
9	---	---	---	---	---	56.4	121 E	38.2	38.7	16.8E	25.3	---	9
10	---	---	---	---	---	56.4	133 E	36.8	36.0	16.3E	25.8	---	10
11	---	---	---	---	---	58.7	184 E	35.8	33.3	17.1E	25.2	---	11
12	---	---	---	---	---	60.5	208 E	34.8	31.7	17.1	24.6	---	12
13	---	---	---	---	---	63.5	220 E	34.8	30.8	17.3	23.4	---	13
14	---	---	---	---	---	66.4	210 E	35.6	31.6	16.6	22.7	---	14
15	---	---	---	---	---	146	188 A	42.1	32.7	16.1	22.8	---	15
16	---	---	---	---	---	177 E	208 E	44.0	33.3	15.5	22.7	---	16
17	---	---	---	---	---	178 E	212 E	42.2	33.0	15.1	22.6	---	17
18	---	---	---	---	---	174 E	212 E	38.3	30.6	14.9	22.1	---	18
19	---	---	---	---	---	161 E	212 E	36.4	28.9	15.1	20.9	---	19
20	---	---	---	---	---	142 E	200 E	37.2	28.7	14.8E	20.1	---	20
21	---	---	---	---	---	121 E	161 E	35.8	24.9	14.8E	20.0	---	21
22	---	---	---	---	---	108 E	160 E	35.8	24.4	14.2E	19.8	---	22
23	---	---	---	---	---	99.8E	141 E	34.8	23.8	14.3	19.6	---	23
24	---	---	---	---	---	95.7E	126 E	34.8	23.0	13.9	19.8	---	24
25	---	---	---	---	---	91.2E	112 E	35.8	22.4	13.4	19.9	---	25
26	---	---	---	---	---	88.8E	101 E	40.6	22.9	13.8E	19.4	---	26
27	---	---	---	---	---	80.8E	95.8A	42.1	22.6	12.8E	20.1	---	27
28	---	---	---	---	---	77.9	89.4	42.3	21.8	16.1	20.8	---	28
29	---	---	---	---	---	72.3	82.5	41.2	20.8	19.8	21.8	---	29
30	---		---	---	---	68.1	76.5	39.0	20.7	18.5	20.2E	---	30
31	---		---		---		71.0	38.5		18.8		---	31
TOTAL	---	---	---	---	---	2 814.3	4 186.0	1 312.1	950.5	505.2	641.2	---	TOTAL
MEAN	---	---	---	---	---	87.1	134	42.3	31.7	16.3	21.4	---	MEAN
MAX	---	---	---	---	---	178	220	87.2	44.3	19.8	25.8	---	MAX
MIN	---	---	---	---	---	28.0	68.8	34.8	20.7	12.8	17.8	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 220E ON JUL 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 26 48 N
LONG 111 26 40 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	280 800
FEB	---	AUG	113 000
MAR	---	SEP	82 150
APR	---	OCT	43 800
MAY	---	NOV	55 400
JUN	228 000	DEC	---

EMBARRAS RIVER NEAR WEALD - STATION NO. 07AF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.538B	1.09B	1.78 B	0.877	2.80	0.894	0.823	1.71	---	---	1
2	---	---	0.538B	1.26B	1.78 B	0.836	2.31	0.954	0.817	1.58	---	---	2
3	---	---	0.550B	1.22B	1.70 B	0.807	2.10	1.22	0.786	1.46	---	---	3
4	---	---	0.570B	1.19B	1.80 B	0.890	2.42	1.03	0.827	1.37	---	---	4
5	---	---	0.590B	1.22B	1.87	0.938	2.78	0.991	0.782	1.30	---	---	5
6	---	---	0.585B	1.46B	1.87	1.35	2.86 A	1.83	0.770	1.24	---	---	6
7	---	---	0.600B	1.50B	1.82	3.28	3.17 E	3.60	0.760	1.23	---	---	7
8	---	---	0.610B	1.58B	1.86	8.25	3.37 E	2.63	0.767	1.17	---	---	8
9	---	---	0.600B	1.58B	1.81	10.4	2.88 E	2.16	0.825	1.12	---	---	9
10	---	---	0.600B	1.73B	1.83	15.8	2.59 E	1.83	0.939	1.08	---	---	10
11	---	---	0.610B	1.77B	1.82	14.5	2.20 E	1.84	1.22	1.08	---	---	11
12	---	---	0.595B	1.84B	1.77	19.2	2.03 A	1.42	1.21	1.08	---	---	12
13	---	---	0.600B	2.15B	1.88	13.5	2.01	1.25	1.05	1.04	---	---	13
14	---	---	0.590B	2.40B	1.84	9.89	2.24	1.17	0.961	1.08	---	---	14
15	---	---	0.581B	3.01B	2.08	7.47	2.04	1.23	0.911	1.04	---	---	15
16	---	---	0.544B	4.44B	1.88	6.02	1.83	1.87	1.08	1.01	---	---	16
17	---	---	0.521B	5.00B	1.88	4.67	1.80	2.50	1.75	1.02	---	---	17
18	---	---	0.590B	4.58B	1.59	4.07	1.50	2.47	1.86	0.985	---	---	18
19	---	---	0.728B	4.20B	1.48	3.45	1.38	2.30	1.42	0.962	---	---	19
20	---	---	0.857B	4.30B	1.32	3.00	1.30	2.06	1.48	0.982	---	---	20
21	---	---	0.854B	4.26B	1.24	2.78	1.18	1.88	1.52	1.02	---	---	21
22	---	---	0.972B	3.36B	1.19	2.57	1.08	1.71	1.84	1.04	---	---	22
23	---	---	1.02 B	2.87B	1.18	2.37	0.988	1.50	1.87	1.13	---	---	23
24	---	---	1.06 B	2.55B	1.12	2.18	0.948	1.28	1.48	1.13	---	---	24
25	---	---	1.15 B	2.60B	1.09	2.00	0.905	1.18	1.48	1.10	---	---	25
26	---	---	1.11 B	1.85B	1.08	1.84	0.849	1.10	1.52	1.08 B	---	---	26
27	---	---	0.832B	1.87B	1.01	1.98	0.818	1.08	1.58	1.18 B	---	---	27
28	---	---	0.712B	1.88B	0.979	2.23	0.838	1.01	1.70	0.830B	---	---	28
29	---	---	0.651B	1.70B	0.967	2.74	0.880	0.976	1.85	1.05 B	---	---	29
30	---		0.601B	1.73B	0.968	3.38	0.926	0.928	1.88	0.971B	---	---	30
31	---		0.749B		0.989		0.889	0.871		0.963B		---	31
TOTAL	---	---	21.698	71.43	47.403	159.755	67.469	48.435	37.130	34.882	---	---	TOTAL
MEAN	---	---	0.700	2.38	1.53	5.33	1.85	1.56	1.24	1.13	---	---	MEAN
MAX	---	---	1.15	5.00	2.08	19.2	3.37	3.60	1.88	1.71	---	---	MAX
MIN	---	---	0.521	1.08	0.967	0.880	0.818	0.871	0.760	0.830	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 19.2 ON JUN 12
MINIMUM DAILY, 0.521B ON MAR 17
MAXIMUM INSTANTANEOUS,
22.7 AT 20:37 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 31 N
LONG 118 48 20 W
DRAINAGE AREA, 847 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 870
FEB	---	AUG	4 160
MAR	1 870	SEP	3 210
APR	8 170	OCT	3 030
MAY	4 150	NOV	---
JUN	13 800	DEC	---

TOTAL DISCHARGE, 41 300 dam³

SMITH RIVER BELOW HANLAN CREEK - STATION NO. 07AF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	3.00B	1.40	4.04	0.840	0.748	1.52	---	---	1
2	---	---	---	---	3.30B	1.35	3.27	1.04	0.722	1.38	---	---	2
3	---	---	---	---	3.00E	1.31	3.18	1.38	0.859	1.27	---	---	3
4	---	---	---	---	2.70E	1.27	3.18	1.17	0.878	1.21	---	---	4
5	---	---	---	---	2.80A	1.27	3.18	1.07	0.862	1.14	---	---	5
6	---	---	---	---	2.48	2.06	3.31	1.88	0.845	1.08	---	---	6
7	---	---	---	---	2.55	4.88	4.38	3.18	0.838	1.04	---	---	7
8	---	---	---	---	2.81	9.83	4.08	3.10	0.864	0.988	---	---	8
9	---	---	---	---	2.88	23.0	3.20	2.72	0.708	0.970	---	---	9
10	---	---	---	---	2.53	21.0	2.88	2.41	0.938	0.951	---	---	10
11	---	---	---	---	2.54	18.0	2.83	2.11	1.80	0.947	---	---	11
12	---	---	---	---	2.48	20.8	3.01	1.80	1.41	0.930	---	---	12
13	---	---	---	2.08B	2.47	14.8	2.87	1.88	1.18	0.910	---	---	13
14	---	---	---	---	2.71	10.8	2.30	1.42	1.00	0.902	---	---	14
15	---	---	---	---	2.83	8.27	1.88	1.36	0.888	0.905	---	---	15
16	---	---	---	---	2.88	8.81	1.78	1.80	1.18	0.888	---	---	16
17	---	---	---	---	2.47	8.26	1.61	2.81	2.18	0.880	---	---	17
18	---	---	---	---	2.34	6.40	1.47	2.81	2.00	0.840	---	---	18
19	---	---	---	---	2.15	3.78	1.41	3.11	1.76	0.885	---	---	19
20	---	---	---	---	1.88	3.37	1.27	2.85	1.87	0.874	---	---	20
21	---	---	---	---	1.88	3.10	1.14	2.47	1.88	0.888	---	---	21
22	---	---	---	---	1.81	2.85	1.02	2.28	1.75	0.847	---	---	22
23	---	---	---	---	1.78	2.84	0.988	1.88	1.84	0.885	---	---	23
24	---	---	---	---	1.73	2.44	0.906	1.80	1.53	1.10 A	---	---	24
25	---	---	---	5.28B	1.71	2.19	0.873	1.27	1.48	1.00 A	---	---	25
26	---	---	---	5.00B	1.84	2.01	0.844	1.23	1.52	1.00 A	---	---	26
27	---	---	---	4.72B	1.57	2.81	0.832	1.14	1.61	0.950A	---	---	27
28	---	---	---	4.44B	1.50	3.58	0.856	1.08	1.80	0.950A	---	---	28
29	---	---	---	4.15B	1.48	4.32	0.880	1.01	1.75	0.900A	---	---	29
30	---		---	3.88B	1.48	4.03	0.857	0.882	1.87	0.900A	---	---	30
31	---		---		1.48		0.814	0.784		0.900A		---	31
TOTAL	---	---	---	---	70.51	184.96	84.833	55.488	38.034	31.281	---	---	TOTAL
MEAN	---	---	---	---	2.27	6.50	2.09	1.79	1.27	1.01	---	---	MEAN
MAX	---	---	---	---	3.80	23.0	4.38	3.18	2.18	1.52	---	---	MAX
MIN	---	---	---	---	1.48	1.27	0.832	0.784	0.838	0.874	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.47
MAXIMUM DAILY, 23.0 ON JUN 9
MINIMUM DAILY, 0.838 ON SEP 7
MAXIMUM INSTANTANEOUS,
23.6 AT 16:30 MST ON JUN 9

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 06 N
LONG 116 33 55 W
DRAINAGE AREA, 595 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 610
FEB	---	AUG	4 780
MAR	---	SEP	3 280
APR	---	OCT	2 700
MAY	8 080	NOV	---
JUN	16 800	DEC	---

TOTAL DISCHARGE, 39 300 dam³

ETHEL LAKE NEAR COLD LAKE - STATION NO. 05AC004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	541.080E	541.098	541.104	541.080	541.058	---	541.367	541.347	541.338	---	1
2	---	---	541.080E	541.100	541.104	541.078	541.055	---	541.368	541.345	541.342	---	2
3	---	---	541.078E	541.103	541.100	541.075	541.053	---	541.367	541.342	541.337A	---	3
4	---	---	541.080E	541.105	541.098	541.074	541.050	---	541.365	541.342	---	---	4
5	---	---	541.082E	541.105	541.097	541.073	541.049	---	541.369	541.345	---	---	5
6	---	---	541.084E	541.107	541.096	541.074	541.056	---	541.365	541.345	---	---	6
7	---	---	541.084E	541.107	541.096	541.068	541.047	---	541.362	541.346	---	---	7
8	---	---	541.085E	541.103	541.096	541.065	541.040	---	541.358	541.344	---	---	8
9	---	---	541.085E	541.102	541.095	541.068	541.034	---	541.352	541.344	---	---	9
10	---	---	541.084A	541.099	541.092	541.064	541.032	---	541.351	541.343	---	---	10
11	---	---	541.083	541.097	541.092	541.061	541.029	---	541.351	541.343	---	---	11
12	---	---	541.082	541.095	541.091	541.054	541.027	---	541.351	541.343	---	---	12
13	---	---	541.083	541.090	541.090	541.052	541.027	---	541.352	541.344	---	---	13
14	---	---	541.082	541.086	541.093	541.050	541.028	---	541.353	541.343	---	---	14
15	---	---	541.081	541.091	541.097	541.048	541.048	---	541.373	541.340	---	---	15
16	---	---	541.080	541.088	541.098	541.044	541.084	---	541.384	541.340	---	---	16
17	---	---	541.078	541.086	541.098	541.042	541.078	---	541.386	541.342	---	---	17
18	---	---	541.078	541.086	541.096	541.038	541.101	---	541.386	541.341	---	---	18
19	---	---	541.081	541.090	541.093	541.035	541.122	---	541.385	541.338	---	---	19
20	---	---	541.078	541.089	541.091	541.031	541.139	---	541.383	541.338	---	---	20
21	---	---	541.081	541.090	541.088	541.028	541.156	---	541.383	541.338	---	---	21
22	---	---	541.081	541.090	541.087	541.020	541.167	---	541.383	541.337	---	---	22
23	---	---	541.081	541.090	541.082	541.022	541.180	---	541.348	541.333	---	---	23
24	---	---	541.085	541.087	541.078	541.020	541.192	---	541.347	541.334	---	---	24
25	---	---	541.084	541.088	541.078	541.018	541.206	---	541.344	541.332	---	---	25
26	---	---	541.082	541.087	541.074	541.013	541.220	---	541.348	541.337	---	---	26
27	---	---	541.087	541.087	541.088	541.013	541.232	---	541.348	541.338	---	---	27
28	---	---	541.088	541.088	541.086	541.013	541.246A	---	541.351	541.333	---	---	28
29	---	---	541.087	541.088	541.085	541.054	541.267E	---	541.382	541.334	---	---	29
30	---		541.087	541.088	541.088	541.088	541.282E	---	541.380	541.336	---	---	30
31	---		541.088		541.091		541.297E	541.374A		541.338		---	31
MEAN	---	---	541.084	541.094	541.088	541.048	541.116	---	541.366	541.340	---	---	MEAN
MAX	---	---	541.088	541.107	541.104	541.080	541.297	---	541.373	541.347	---	---	MAX
MIN	---	---	541.078	541.086	541.085	541.013	541.027	---	541.344	541.332	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM INSTANTANEOUS,
541.438 IN AUG

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 32 40 N
LONG 110 20 08 W

A - MANUAL GAUGE
E - ESTIMATED

DRAINAGE AREA,
594 km²

ETZIKOM COULEE NEAR HEMISKAM - STATION NO. 05AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.208	0	0	0.062	0.022	0	0.085	---	---	1
2	---	---	---	0.187	0	0	0.033	0.017	0	0.089	---	---	2
3	---	---	---	0.253	0	0	0.024	0.011	0	.281	---	---	3
4	---	---	---	0.288	0	0	0.018	0.007	0	0.085	---	---	4
5	---	---	---	0.127	0	0	0.013	0.004	0	0.087	---	---	5
6	---	---	---	0.122	0	0	0.010	0.002	0	0.108	---	---	6
7	---	---	---	0.124	0	0	0.007	0.001	0.138	0.108	---	---	7
8	---	---	---	0.081	0	0	0.004	0	0.113	0.107	---	---	8
9	---	---	---	0.040	0	0	0.002	0	0.083	0.105	---	---	9
10	---	---	---	0.035	0	0	0	0	0.038	0.088	---	---	10
11	---	---	---	0.035	0	0	0	0	0.028	0.071	---	---	11
12	---	---	---	0.040	0	0	0	0	0.025	0.088	---	---	12
13	---	---	---	0.032	0.099	0	0	0	0.022	0.108	---	---	13
14	---	---	---	0.028	0.088	0	0	0	0.018	0.181	---	---	14
15	---	---	---	0.020	0.048	0	0	0	0.015	0.220	---	---	15
16	---	---	---	0.018	0.028	0	0	0	0.012	0.078	---	---	16
17	---	---	0.238A	0.018	0.020	0	0	0	0.008	0.044	---	---	17
18	---	---	0.230	0.014	0.017	0	0	0	0.007	0.034	---	---	18
19	---	---	0.288	0.012	0.013	0	0	0	0.007	0.038	---	---	19
20	---	---	0.300	0.011	0.011	0	0	0	0.007	0.078	---	---	20
21	---	---	0.307	0.010	0.012	0	0	0	0.007	0.058	---	---	21
22	---	---	0.285	0.009	0.012	0	0	0	0.007	0.081	---	---	22
23	---	---	0.327	0.008	0.010	0	0	0	0.007	0.058	---	---	23
24	---	---	0.288	0.007	0.007	0	0	0	0.007	0.044	---	---	24
25	---	---	0.236	0.008	0.005	0.049	0.150	0	0.007	0.038	---	---	25
26	---	---	0.180	0.008	0.004	0.170	0.218	0	0.008	0.035	---	---	26
27	---	---	0.520	0.004	0.002	0.078	0.085	0	0.006	0.035	---	---	27
28	---	---	0.440	0.002	0.001	0.050	0.052	0	0.005	0.035	---	---	28
29	---	---	0.474	0.001	0	0.043	0.041	0	0.005	0.035	---	---	29
30	---		0.451	0	0	0.043	0.033	0	0.027	0.035	---	---	30
31	---		0.241		0		0.028	0		0.035		---	31
TOTAL	---	---	---	1.702	0.279	0.434	0.758	0.085	0.574	2.317	---	---	TOTAL
MEAN	---	---	---	0.057	0.012	0.014	0.024	0.002	0.019	0.075	---	---	MEAN
MAX	---	---	---	0.288	0.099	0.170	0.218	0.022	0.138	0.220	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0.034	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.028
MAXIMUM DAILY, 0.288 ON APR 4
MINIMUM DAILY, 0 ON APR 30
MAXIMUM INSTANTANEOUS,
0.778 AT 14:43 MST ON MAY 27

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 40 N
LONG 111 16 00 W
DRAINAGE AREA, 3 040 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	66.5
FEB	---	AUG	5.82
MAR	---	SEP	48.6
APR	147	OCT	200
MAY	32.7	NOV	---
JUN	37.5	DEC	---

TOTAL DISCHARGE, 538 dam³

EUNICE CREEK NEAR HINTON - STATION NO. 07AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0188	0.127B	0.047	0.097	0.058	0.033	0.084	0.042B	---	1
2	---	---	---	0.0188	0.121B	0.047	0.092	0.054	0.032	0.087	0.041B	---	2
3	---	---	---	0.0188	0.113B	0.046	0.088	0.049	0.032	0.088	---	---	3
4	---	---	---	0.0188	0.110B	0.043	0.088	0.047	0.032	0.084	---	---	4
5	---	---	---	0.0188	0.115B	0.095	0.091	0.053	0.030	0.083	---	---	5
6	---	---	---	0.0188	0.115B	0.101	0.112	0.141	0.032	0.082	---	---	6
7	---	---	---	0.0188	0.117B	0.320	0.088	0.161	0.038	0.082	---	---	7
8	---	---	---	0.0188	0.118B	0.905	0.084	0.082	0.033	0.080	---	---	8
9	---	---	---	0.0188	0.118B	0.748	0.078	0.078	0.038	0.048	---	---	9
10	---	---	---	0.0188	0.117B	0.474	0.078	0.068	0.048	0.048	---	---	10
11	---	---	---	0.0188	0.112B	0.414	0.078	0.062	0.041	0.047	---	---	11
12	---	---	---	0.0188	0.108B	0.335	0.088	0.058	0.039	0.047	---	---	12
13	---	---	---	0.0188	0.104B	0.272	0.078	0.053	0.038	0.048	---	---	13
14	---	---	---	0.0348	0.102B	0.230	0.070	0.052	0.037	0.048	---	---	14
15	---	---	---	0.0688	0.0838	0.198	0.067	0.054	0.037	0.048	---	---	15
16	---	---	---	0.0988	0.078	0.181	0.065	0.057	0.070	0.047	---	---	16
17	---	---	---	0.4008	0.070	0.162	0.063	0.065	0.060	0.0478	---	---	17
18	---	---	---	0.1678	0.081	0.143	0.062	0.074	0.049	0.0478	---	---	18
19	---	---	---	0.0988	0.067	0.130	0.068	0.062	0.047	0.0488	---	---	19
20	---	---	---	0.1488	0.064	0.124	0.068	0.061	0.048	0.0488	---	---	20
21	---	---	---	0.1788	0.060	0.120	0.068	0.057	0.061	0.0488	---	---	21
22	---	---	---	0.1788	0.060	0.114	0.066	0.051	0.049	0.0488	---	---	22
23	---	---	0.0188	0.1788	0.063	0.110	0.064	0.047	0.048	0.0488	---	---	23
24	---	---	0.0188	0.1588	0.049	0.103	0.064	0.044	0.048	0.0488	---	---	24
25	---	---	0.0188	0.1388	0.047	0.097	0.063	0.041	0.052	0.0488	---	---	25
26	---	---	0.0188	0.1[illegible]38	0.045	0.096	0.060	0.039	0.052	0.0488	---	---	26
27	---	---	0.0188	0.1418	0.048	0.101	0.063	0.037	0.056	0.0448	---	---	27
28	---	---	0.0188	0.1538	0.048	0.104	0.062	0.036	0.063	0.0448	---	---	28
29	---	---	0.0188	0.1548	0.047	0.121	0.048	0.036	0.078	0.0438	---	---	29
30	---		0.0188	0.1528	0.050	0.118	0.050	0.035	0.072	0.0438	---	---	30
31	---		0.0188		0.047		0.047	0.034		0.0438		---	31
TOTAL	---	---	---	2.827	2.535	5.054	2.188	1.882	1.377	1.481	---	---	TOTAL
MEAN	---	---	---	0.094	0.082	0.202	0.070	0.060	0.048	0.048	---	---	MEAN
MAX	---	---	---	0.400	0.127	0.905	0.112	0.161	0.078	0.084	---	---	MAX
MIN	---	---	---	0.018	0.045	0.043	0.047	0.034	0.030	0.042	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 0.905 ON JUN 8
MINIMUM DAILY, 0.0188 ON APR 1
MAXIMUM INSTANTANEOUS,
1.58 AT 01:44 MST ON JUN 8

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 10 N
LONG 117 13 55 W
DRAINAGE AREA, 17.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	187
FEB	---	AUG	161
MAR	---	SEP	118
APR	244	OCT	128
MAY	218	NOV	---
JUN	523	DEC	---

TOTAL DISCHARGE, 1 580 dam³

EUREKA RIVER NEAR WORSLEY - STATION NO. 07FB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.0408	1.32	5.86	18.8	0.312	0.023	0.033	---	---	1
2	---	---	0.0028	0.3008	1.40	4.81	14.8	0.203A	0.088	0.037	---	---	2
3	---	---	0.0028	0.4508	1.47	3.58	16.8	0.080	0.085	0.032	---	---	3
4	---	---	0.0038	0.7408	1.38	2.72	19.1	0.043	0.110	0.032	---	---	4
5	---	---	0.0038	0.8808	1.23	2.27	17.7	0.035	0.070	0.052	---	---	5
6	---	---	0.0058	0.8038	1.11	2.44	18.6	0.038	0.061	0.052	---	---	6
7	---	---	0.0078	1.08 B	1.01	3.18	15.8	0.028	0.043	0.085	---	---	7
8	---	---	0.0088	1.19 B	0.938	4.22	12.7 A	0.014	0.040A	0.082	---	---	8
9	---	---	0.0108	1.72 B	0.842	4.78 A	10.5	0.017	0.022A	0.036	---	---	9
10	---	---	0.0108	3.33 B	0.748	5.90 E	9.55	0.018	0.023A	0.028	---	---	10
11	---	---	0.0108	5.01 B	0.721	5.70 E	7.63 A	0.017	0.028A	0.024	---	---	11
12	---	---	0.0108	7.50 B	0.688	5.00 E	16.2	0.012	0.033A	0.021	---	---	12
13	---	---	0.0088	10.5 B	0.654	4.00 E	28.4	0.018	0.024A	0.017	---	---	13
14	---	---	0.0068	13.2 B	1.10	3.00 E	26.9	0.006	0.018A	0.013	---	---	14
15	---	---	0.0068	15.0 B	2.08	2.00 E	25.1	0.001	0.008	0.170	---	---	15
16	---	---	0.0088	13.5 B	3.48	1.38 E	21.2 A	0.013	0.021	0.074	---	---	16
17	---	---	0.0048	9.86	5.31	1.07 E	17.0	0.062	0.022	0.088	---	---	17
18	---	---	0.0048	6.67	6.32	0.824E	13.6 A	0.433A	0.012	0.041	---	---	18
19	---	---	0.0108	4.24	6.47	0.903E	10.8 A	0.880E	0.010	0.080	---	---	19
20	---	---	0.0238	3.88	5.88	0.884A	8.52 A	0.850E	0.010	0.038	---	---	20
21	---	---	0.0288	2.34	3.81	0.780	8.37 A	0.880E	0.008	0.054	---	---	21
22	---	---	0.0248	2.05	3.17	0.625	4.85	0.338A	0.008	0.057	---	---	22
23	---	---	0.0238	1.80	2.48	0.527	3.36	0.251	0.006	0.058	---	---	23
24	---	---	0.0208	1.86	1.94	0.392	2.41	0.136	0.005	0.048	---	---	24
25	---	---	0.0178	1.62 A	1.68	0.248	1.82	0.110	0.005	0.045	---	---	25
26	---	---	0.0148	1.37 A	1.58	0.182	1.40	0.041	0.006	0.054	---	---	26
27	---	---	0.0138	1.23 A	1.47	0.158	1.10	0.018	0.006	0.0488	---	---	27
28	---	---	0.0138	1.16	1.36	0.188	0.886	0.008	0.008	0.0478	---	---	28
29	---	---	0.0188	1.17	1.84	5.01	0.733	0.001	0.020	0.0528	---	---	29
30	---		0.0208	1.30	5.01	20.8	0.582	0.001	0.024	0.0578	---	---	30
31	---		0.0288		5.88		0.422	0.008		0.0688		---	31
TOTAL	---	---	0.348	116.473	75.182	83.182	358.492	4.073	0.784	1.510	---	---	TOTAL
MEAN	---	---	0.011	3.88	2.42	3.11	11.6	0.131	0.026	0.048	---	---	MEAN
MAX	---	---	0.028	15.0	5.88	20.8	28.4	0.880	0.110	0.170	---	---	MAX
MIN	---	---	0.001	0.040	0.654	0.182	0.422	0.001	0.005	0.013	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.84
MAXIMUM DAILY, 28.4 ON JUL 13
MINIMUM DAILY, 0.0018 ON MAR 1
MAXIMUM INSTANTANEOUS,
30.6 AT 10:00 MST ON JUL 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 00 N
LONG 110 07 10 W
DRAINAGE AREA, 764 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 30 800	
FEB	---	AUG	352
MAR	30.2	SEP	87.7
APR 5 880		OCT	130
MAY 5 480		NOV	---
JUN 5 050		DEC	---

TOTAL DISCHARGE, 85 800 dam³

EXPANSE COULEE NEAR THE MOUTH - STATION NO. 05AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.884	2.26	2.07	2.40	1.88	1.88	---	---	1
2	---	---	---	---	0.884	2.10	2.08	2.47	1.86	1.82	---	---	2
3	---	---	---	---	1.07	2.01	2.04	2.48	1.84	1.83	---	---	3
4	---	---	---	---	1.18	2.10	1.88	2.15	1.86	1.74	---	---	4
5	---	---	---	---	1.38	2.27	1.88	2.08	1.87	1.71	---	---	5
6	---	---	---	---	1.34	2.14	1.83	2.10	2.02	1.77	---	---	6
7	---	---	---	---	1.28	2.28	1.86	2.26	1.88	1.78	---	---	7
8	---	---	---	---	1.18	2.15	1.88	2.28	2.02	1.78	---	---	8
9	---	---	---	---	1.20	2.47	2.02	2.36	1.86	1.77	---	---	9
10	---	---	---	---	1.72	2.83	2.16	2.26	2.04	1.73	---	---	10
11	---	---	---	---	1.74	1.92	2.22	2.28	2.07	1.41	---	---	11
12	---	---	---	---	1.68	1.82	2.14	2.09	2.07	1.06	---	---	12
13	---	---	---	---	1.64	1.80	2.00	2.12	2.02	0.735	---	---	13
14	---	---	---	---	1.61	1.83	1.87	2.23	1.86	0.881	---	---	14
15	---	---	---	---	1.78	1.88	1.88	2.28	1.88	0.834	---	---	15
16	---	---	---	---	1.70	1.83	1.88	2.28	1.88	0.484	---	---	16
17	---	---	---	---	1.67	1.78	2.07	2.06	1.83	0.450	---	---	17
18	---	---	---	---	1.78	1.78	2.11	2.05	1.88	0.383	---	---	18
19	---	---	---	---	1.64	1.70	2.22	2.07	1.83	0.338	---	---	19
20	---	---	---	---	1.70	1.84	2.24	2.06	1.78	0.232	---	---	20
21	---	---	---	---	1.78	1.88	2.21	2.17	1.78	0.283	---	---	21
22	---	---	---	---	1.80	1.88	2.26	2.26	1.75	0.188	---	---	22
23	---	---	---	---	1.81	1.88	2.21	2.21	1.83	0.128	---	---	23
24	---	---	---	---	2.04	1.87	2.27	2.07	1.88	0.104A	---	---	24
25	---	---	---	0.028A	1.87	2.03	2.32	1.88	1.87	0.100A	---	---	25
26	---	---	---	0.028	1.88	2.00	2.26	1.80	1.88	0.081A	---	---	26
27	---	---	---	0.027	2.12	2.02	2.26	1.82	1.81	0.070A	---	---	27
28	---	---	---	0.027	1.83	2.26	2.26	1.82	1.82	0.088A	---	---	28
29	---	---	---	0.133	1.88	2.81	2.21	1.84	1.78	0.083A	---	---	29
30	---		---	0.313	2.10	2.33	2.19	1.88	1.88	0.082A	---	---	30
31	---		---		2.26		2.30	1.85		0.082A		---	31
TOTAL	---	---	---	---	51.188	64.34	65.73	69.36	57.63	24.883	---	---	TOTAL
MEAN	---	---	---	---	1.65	2.14	2.12	2.14	1.92	0.802	---	---	MEAN
MAX	---	---	---	---	2.26	3.47	2.32	2.48	2.07	1.83	---	---	MAX
MIN	---	---	---	---	0.654	1.70	1.88	1.85	1.88	0.070	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.78
MAXIMUM DAILY, 3.47 ON JUN 9
MINIMUM DAILY, 0.070A ON OCT 27

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 14 N
LONG 112 05 00 W
DRAINAGE AREA, 1 820 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 5 680	
FEB	---	AUG 5 730	
MAR	---	SEP 4 870	
APR	---	OCT 2 150	
MAY 4 420		NOV	---
JUN 9 660		DEC	---

TOTAL DISCHARGE, 28 500 dam³

FALLENTIMBER CREEK NEAR SUNDRE - STATION NO. 05CA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	4.50 B	0.959	0.854	1.36	1.30	2.11	2.68	---	---	1
2	---	---	---	4.20 B	0.941	0.887	1.25	3.38	2.03	2.59	---	---	2
3	---	---	---	3.90 B	0.875	0.829	1.17	4.37	1.93	2.47	---	---	3
4	---	---	---	3.57 B	0.829	0.752	1.36	3.74	1.87	2.34	---	---	4
5	---	---	---	3.28 B	0.885	0.811	1.41	3.03	1.83	2.28	---	---	5
6	---	---	---	1.84 B	0.881	1.11	1.95	2.97	1.82	2.20	---	---	6
7	---	---	---	1.97 B	0.882	1.17	2.40	2.74	1.82	2.15	---	---	7
8	---	---	---	1.43 B	0.887	1.80	1.89	2.78	1.74	2.09	---	---	8
9	---	---	---	1.34 B	1.00	3.13	1.61	2.38	1.73	2.04	---	---	9
10	---	---	---	1.38 B	1.13	3.54	1.43	2.14	1.87	1.99	---	---	10
11	---	---	---	1.58 B	1.04	2.89	1.26	2.30	2.16	1.86	---	---	11
12	---	---	---	1.68 B	1.02	2.47	1.25	2.84	2.37	1.93	---	---	12
13	---	---	---	2.03 B	0.985	2.18	1.39	2.70	2.42	1.88	---	---	13
14	---	---	---	2.30 B	0.938	2.03	1.27	2.36	2.48	1.88	---	---	14
15	---	---	---	2.42 B	0.902	1.69	1.17	2.31	2.42	1.86	---	---	15
16	---	---	---	2.55 B	0.858	1.71	1.05	5.03	2.84	1.86	---	---	16
17	---	---	---	2.60 B	0.803	1.67	0.982	5.42	3.72	1.87	---	---	17
18	---	---	---	2.72 B	0.756	1.48	0.884	7.84	3.83	1.81	---	---	18
19	---	---	---	2.81 B	0.726	1.32	0.861	8.83	3.83	1.75	---	---	19
20	---	---	---	2.70 B	0.702	1.21	0.807	4.94	3.81	1.70	---	---	20
21	---	---	---	2.35 B	0.886	1.11	0.748	4.88	3.81	1.76	---	---	21
22	---	---	---	1.88	0.895	1.03	0.895	4.50	3.46	1.88	---	---	22
23	---	---	---	1.39	0.840	0.984	0.836	3.76	3.22	1.84	---	---	23
24	---	---	---	1.22	0.891	0.911	0.876	3.38	3.28	1.81	---	---	24
25	---	---	---	1.09	0.856	0.861	0.858	2.91	3.43	1.80	---	---	25
26	---	---	---	0.975	0.885	0.852	0.824	2.70	3.47	1.808	---	---	26
27	---	---	---	0.870	0.886	0.822	0.481	2.60	3.26	1.888	---	---	27
28	---	---	---	0.838	0.842	0.830	0.485	2.48	3.08	1.808	---	---	28
29	---	---	---	0.838	0.888	0.846	0.520	2.37	2.83	1.838	---	---	29
30	---		---	0.881	0.881	1.43	0.487	2.26	2.61	1.888	---	---	30
31	---		---		0.857		0.812	2.20		1.898		---	31
TOTAL	---	---	---	61.331	24.882	43.008	33.048	104.73	81.31	58.82	---	---	TOTAL
MEAN	---	---	---	2.04	0.788	1.43	1.07	3.38	2.71	1.80	---	---	MEAN
MAX	---	---	---	4.50	1.13	3.54	2.40	7.84	3.83	2.88	---	---	MAX
MIN	---	---	---	0.838	0.842	0.884	0.481	1.30	1.73	1.80	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 7.84 ON AUG 16
MINIMUM DAILY, 0.481 ON JUL 27
MAXIMUM INSTANTANEOUS,
8.34 AT 19:59 MST ON AUG 16

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 44 10 N
LONG 114 39 20 W
DRAINAGE AREA, 498 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 850
FEB	---	AUG	9 050
MAR	---	SEP	7 030
APR	5 300	OCT	5 090
MAY	2 130	NOV	---
JUN	3 720	DEC	---

TOTAL DISCHARGE, 35 200 dam³

FAWCETT LAKE NEAR SMITH - STATION NO. 07EK005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	611.380E	611.380	611.526	611.593	611.695	611.676	611.488	611.380	611.344A	---	1
2	---	---	611.380A	611.382	611.518	611.628	611.681	611.684	611.486	611.376	---	---	2
3	---	---	611.384	611.394	611.515	611.627	611.693	611.681	611.485	611.370	---	---	3
4	---	---	611.387	611.398	611.517	611.651	611.682	611.644	611.481	611.371	---	---	4
5	---	---	611.388	611.398	611.515	611.683	611.680	611.628	611.483	611.371	---	---	5
6	---	---	611.387	611.398	611.528	611.686	611.743	611.804	611.457	611.371	---	---	6
7	---	---	611.388	611.402	611.525	611.685	611.776	611.695	611.458	611.371	---	---	7
8	---	---	611.387	611.405	611.530	611.686	611.883	611.683	611.450	611.377	---	---	8
9	---	---	611.390	611.405	611.525	611.685	611.838	611.688	611.428	611.388	---	---	9
10	---	---	611.391	611.407	611.528	611.672	611.891	611.688	611.423	611.388	---	---	10
11	---	---	611.391	611.408	611.530	611.703	612.021	611.648	611.423	611.388	---	---	11
12	---	---	611.390	611.404	611.528	611.702	612.048	611.642	611.428	611.385	---	---	12
13	---	---	611.391	611.407	611.530	611.729	612.048	611.638	611.417	611.383	---	---	13
14	---	---	611.392	611.409	611.584	611.789	612.047	611.636	611.418	611.373	---	---	14
15	---	---	611.391	611.409	611.548	611.808	612.044	611.622	611.418	611.387	---	---	15
16	---	---	611.388	611.413	611.563	611.843	612.038	611.612	611.418	611.381	---	---	16
17	---	---	611.390	611.420	611.592	611.861	612.012	611.602	611.408	611.386	---	---	17
18	---	---	611.388	611.437	611.593	611.863	611.988	611.617	611.404	611.383	---	---	18
19	---	---	611.383	611.462	611.591	611.878	611.964	611.635	611.400	611.384	---	---	19
20	---	---	611.385	611.486	611.595	611.848	611.948	611.629	611.398	611.385	---	---	20
21	---	---	611.378	611.474	611.588	611.830	611.928	611.633	611.413	611.382	---	---	21
22	---	---	611.378	611.478	611.585	611.811	611.914	611.631	611.388	611.385	---	---	22
23	---	---	611.378	611.488	611.588	611.800	611.878	611.626	611.382	611.382	---	---	23
24	---	---	611.380	611.488	611.578	611.803	611.840	611.612	611.382	611.348	---	---	24
25	---	---	611.380	611.481	611.574	611.765	611.828	611.604	611.383	611.347	---	---	25
26	---	---	611.382	611.484	611.568	611.750	611.798	611.497	611.384	611.373	---	---	26
27	---	---	611.378	611.488	611.563	611.738	611.760	611.488	611.384	611.348	---	---	27
28	---	---	611.380	611.505	611.555	611.728	611.758	611.483	611.385	611.347	---	---	28
29	---	---	611.380	611.515	611.555	611.718	611.728	611.488	611.388	611.344	---	---	29
30	---		611.380	611.528	611.573	611.718	611.730	611.497	611.388	611.352	---	---	30
31	---		611.378		611.576		611.699	611.488		611.348		---	31
MEAN	---	---	611.387	611.428	611.554	611.740	611.884	611.648	611.420	611.382	---	---	MEAN
MAX	---	---	611.392	611.528	611.595	611.862	612.048	611.676	611.488	611.388	---	---	MAX
MIN	---	---	611.388	611.380	611.515	611.593	611.838	611.483	611.382	611.344	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 612.048 ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 20 N
LONG 113 51 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
1 240 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FIREBAG RIVER NEAR THE MOUTH - STATION NO. 07DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	8.00B	10.3B	65.6	35.4	30.5	27.4	60.9	40.3	25.0B	---	1
2	---	---	8.00B	10.0B	62.6	36.6	30.4	28.4	66.2	38.3	---	---	2
3	---	---	8.05B	11.2B	64.6	42.1	30.2	28.2	64.3	37.9	---	---	3
4	---	---	8.25B	11.0B	64.1	46.1	37.6	24.1	66.6	37.1	---	---	4
5	---	---	7.95B	11.4B	62.9	46.6	37.3	23.1	64.1	36.1	---	---	5
6	---	---	7.65B	11.2B	61.3	46.1	30.6	22.0	60.3	35.2	---	---	6
7	---	---	7.71B	10.0B	66.6	46.6	40.6	20.6	65.9	35.1	---	---	7
8	---	---	7.35B	10.0B	65.9	46.6	64.4	20.0	60.7	34.4	---	---	8
9	---	---	7.25B	11.0B	62.3	46.6	61.1	19.5	74.6	33.7	---	---	9
10	---	---	7.35B	10.9B	78.5	47.5	102	19.2	68.4	33.2	---	---	10
11	---	---	7.03B	11.4B	76.4	46.1	107	19.5	62.7	32.6	---	---	11
12	---	---	6.63B	11.3B	73.6	46.4	108	18.4	57.6	32.3	---	---	12
13	---	---	6.67B	10.0B	70.9	55.5	101	18.1	53.2	31.6	---	---	13
14	---	---	6.39B	10.6B	67.6	60.9	98.6	18.2	48.6	31.1	---	---	14
15	---	---	6.54B	10.4B	64.4	62.5	92.9	20.4	50.2	31.0	---	---	15
16	---	---	6.67B	11.4B	60.6	61.3	87.4	20.6	55.6	30.7	---	---	16
17	---	---	6.48B	10.8B	56.0	57.5	81.5	20.3	57.5	30.6	---	---	17
18	---	---	6.39B	10.8B	55.1	53.5	76.2	19.6	58.0	30.6	---	---	18
19	---	---	7.32B	20.5B	53.1	48.7	70.5	20.1	56.5	30.7	---	---	19
20	---	---	8.01B	22.0B	51.6	44.6	64.6	20.6	53.9	30.6	---	---	20
21	---	---	8.75B	23.5B	49.9	40.9	59.5	21.1	51.4	30.5	---	---	21
22	---	---	8.93B	23.4B	47.8	37.5	53.6	22.4	49.4	30.9B	---	---	22
23	---	---	10.0 B	26.0B	45.4	35.2	48.9	24.0	48.7	30.0B	---	---	23
24	---	---	10.1 B	30.0B	43.7	32.8	44.6	25.3	48.2	29.0B	---	---	24
25	---	---	10.1 B	56.0B	41.2	30.9	41.3	25.5	47.1	27.5B	---	---	25
26	---	---	10.3 B	56.4B	38.5	29.0	38.2	25.2	45.6	27.0B	---	---	26
27	---	---	10.4 B	72.1B	36.1	28.0	36.1	24.6	43.6	26.5B	---	---	27
28	---	---	10.4 B	76.0B	36.9	27.0	33.7	24.3	43.2	26.0B	---	---	28
29	---	---	10.1 B	77.2	36.4	26.0	31.3	23.4	42.0	25.7B	---	---	29
30	---		9.80B	80.8	34.7	28.1	28.7	22.7	40.9	25.4B	---	---	30
31	---		9.69B		34.4		26.6	32.5		25.2B		---	31
TOTAL	---	---	259.60	788.3	1 966.0	1 302.5	1 803.7	696.0	1 646.6	976.5	---	---	TOTAL
MEAN	---	---	8.37	26.3	63.5	43.4	58.2	22.5	61.6	31.5	---	---	MEAN
MAX	---	---	10.4	80.8	84.5	62.5	107	32.5	95.6	40.3	---	---	MAX
MIN	---	---	6.39	10.3	34.4	27.0	27.3	19.1	40.9	25.2	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.4
MAXIMUM DAILY, 107 ON JUL 11
MINIMUM DAILY, 8.39B ON MAR 14
MAXIMUM INSTANTANEOUS,
108 AT 00:30 MST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 38 30 N
LONG 111 10 30 W
DRAINAGE AREA, 6 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	155 000
FEB	---	AUG	80 300
MAR	22 400	SEP	160 000
APR	68 200	OCT	84 500
MAY	170 000	NOV	---
JUN	113 000	DEC	---

TOTAL DISCHARGE, 834 000 dam³

FISH CREEK ABOVE LITTLE FISH LAKE - STATION NO. 05CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.068B	0.002	0.001	0.001	0	0	0.001	0.001	---	1
2	---	---	0.001B	0.037B	0.002	0.001	0.001	0	0	0.001	0.001A	---	2
3	---	---	0.001B	0.036B	0.002	0.001	0.001	0	0	0.001	---	---	3
4	---	---	0.002B	0.030B	0.002	0.001	0.001	0	0	0.001	---	---	4
5	---	---	0.002B	0.016B	0.002	0	0.001	0	0	0.001	---	---	5
6	---	---	0.002B	0.015B	0.002	0	0.001	0	0	0.001	---	---	6
7	---	---	0.001B	0.015B	0.002	0	0.001	0	0	0.001	---	---	7
8	---	---	0.001B	0.008B	0.002	0	0.001	0	0	0.001	---	---	8
9	---	---	0.001B	0.005B	0.002	0.000	0	0	0	0.001	---	---	9
10	---	---	0.001B	0.004B	0.002	0.000	0	0	0	0.001	---	---	10
11	---	---	0.001B	0.004B	0.002	0.005	0	0	0	0.001	---	---	11
12	---	---	0.001B	0.003B	0.002	0.004	0	0	0	0.001	---	---	12
13	---	---	0.001B	0.003B	0.002	0.004	0	0	0	0.001	---	---	13
14	---	---	0.001B	0.003B	0.002	0.005	0	0	0	0.001	---	---	14
15	---	0 B	0.001B	0.002B	0.002	0.005	0	0	0	0.001	---	---	15
16	---	0 B	0.001B	0.002	0.002	0.004	0	0	0	0.001	---	---	16
17	---	0 B	0.002B	0.002	0.002	0.003	0	0	0	0.001	---	---	17
18	---	0 B	0.002B	0.002	0.002	0.002	0	0	0	0.001	---	---	18
19	---	0 B	0.003B	0.002	0.002	0.002	0	0	0	0.001	---	---	19
20	---	0 B	0.003B	0.002	0.002	0.001	0	0	0	0.001	---	---	20
21	---	0 B	0.004B	0.002	0.002	0.001	0	0	0	0.001	---	---	21
22	---	0 B	0.005B	0.002	0.002	0.001	0	0	0	0.001	---	---	22
23	---	0 B	0.005B	0.002	0.002	0.001	0	0	0	0.001	---	---	23
24	---	0 B	0.004B	0.002	0.002	0	0	0	0	0.001	---	---	24
25	---	0 B	0.004B	0.002	0.002	0	0	0	0	0.001	---	---	25
26	---	0.002B	0.004B	0.002	0.001	0	0	0	0.001	0.001	---	---	26
27	---	0.010B	0.004B	0.002	0.001	0	0	0	0.001	0.001	---	---	27
28	---	0.002B	0.003B	0.002	0.001	0	0	0	0.001	0.001	---	---	28
29	---	0 B	0.003B	0.002	0.001	0.001	0	0	0.001	0.001	---	---	29
30	---		0.004B	0.002	0.001	0.001	0	0	0.001	0.001	---	---	30
31	---		0.005B		0.001		0	0		0.001		---	31
TOTAL	---	---	0.073	0.281	0.056	0.059	0.BC4	0	0.006	0.031	---	---	TOTAL
MEAN	---	---	0.002	0.009	0.002	0.002	0	0	0	0.001	---	---	MEAN
MAX	---	---	0.006	0.068	0.002	0.009	0.001	0	0.001	0.001	---	---	MAX
MIN	---	---	0	0.002	0.001	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.068B ON APR 1
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 15 N
LONG 112 12 15 W
DRAINAGE AREA, 121 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.69
FEB	---	AUG	0
MAR	0.31	SEP	0.43
APR	24.3	OCT	2.66
MAY	4.84	NOV	---
JUN	5.10	DEC	---

TOTAL DISCHARGE, 44.4 dam³

FISH CREEK NEAR PRIDDIS - STATION NO. 05BK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.31 B	0.250	0.170	0.058	0.017	0.081	0.143	---	---	1
2	---	---	0 B	2.77 B	0.200	0.206	0.052	0.600	0.088	0.133	---	---	2
3	---	---	0 B	2.32 B	0.181	0.188	0.059	0.488	0.085	0.128	---	---	3
4	---	---	0 B	2.36 B	0.178	0.150	0.057	0.428	0.081	0.128	---	---	4
5	---	---	0 B	1.68 B	0.227	0.212	0.057	0.211	0.057	0.126	---	---	5
6	---	---	0.0018	0.6688	0.408	0.224	0.127	0.134	0.055	0.123	---	---	6
7	---	---	0.0058	0.4278	0.481	0.403	0.149	0.113	0.048	0.121	---	---	7
8	---	---	0.0108	0.3618	0.550	1.32	0.127	0.099	0.044	0.114	---	---	8
9	---	---	0.0158	0.3488	0.448	1.51	0.103	0.083	0.042	0.120	---	---	9
10	---	---	0.0208	0.2658	0.384	1.28	0.081	0.071	0.045	0.115	---	---	10
11	---	---	0.0248	0.3078	0.367	0.856	0.068	0.168	0.060	0.107	---	---	11
12	---	---	0.0278	0.3488	0.410	0.548	0.057	0.145	0.078	0.108	---	---	12
13	---	---	0.0458	0.4238	0.317	0.434	0.048	0.114	0.085	0.105	---	---	13
14	---	---	0.0808	0.5308	0.248	0.402	0.035	0.084	0.078	0.101	---	---	14
15	---	---	0.0708	0.6218	0.232	0.322	0.027	0.078	0.084	0.097	---	---	15
16	---	---	0.0808	0.6388	0.208	0.236	0.022	0.068	0.073	0.094	---	---	16
17	---	---	0.0808	0.5808	0.191	0.188	0.018	0.067	0.101	0.094	---	---	17
18	---	---	0.1058	0.485	0.171	0.170	0.017	0.078	0.122	0.095	---	---	18
19	---	---	0.1308	0.617	0.156	0.142	0.014	0.102	0.126	0.115	---	---	19
20	---	---	0.1608	0.611	0.157	0.128	0.012	0.233	0.186	0.131	---	---	20
21	---	---	0.1838	0.618	0.167	0.113	0.011	0.841	0.167	0.100	---	---	21
22	---	---	0.2188	0.542	0.152	0.113	0.008	0.734	0.178	0.100	---	---	22
23	---	---	0.2408	0.400	0.142	0.085	0.008	0.408	0.184	0.105	---	---	23
24	---	08	0.2708	0.338	0.128	0.082	0.013	0.227	0.186	0.110	---	---	24
25	---	08	0.3008	0.301	0.133	0.072	0.008	0.182	0.184	0.085	---	---	25
26	---	08	0.3508	0.251	0.128	0.082	0.008	0.133	0.195	0.084A	---	---	26
27	---	08	0.4008	0.235	0.120	0.058	0.008	0.118	0.198	0.084E	---	---	27
28	---	08	0.4708	0.208	0.112	0.058	0.008	0.110	0.202	0.082E	---	---	28
29	---	08	0.5808	0.276	0.116	0.058	0.008	0.104	0.188	0.084E	---	---	29
30	---		0.7008	0.228	0.143	0.064	0.008	0.088	0.187	0.088E	---	---	30
31	---		0.8408		0.181		0.008	0.081		0.088E		---	31
TOTAL	---	---	9.380	21.147	7.283	9.871	1.308	6.797	3.344	3.383	---	---	TOTAL
MEAN	---	---	0.174	0.705	0.235	0.329	0.042	0.218	0.111	0.105	---	---	MEAN
MAX	---	---	0.840	2.77	0.550	1.51	0.148	0.888	0.202	0.143	---	---	MAX
MIN	---	---	0	0.208	0.112	0.058	0.008	0.017	0.042	0.082	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.239
MAXIMUM DAILY, 2.770 ON APR 2
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.110 AT 09:30 MST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 10 N
LONG 114 10 35 W
DRAINAGE AREA, 258 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	112
FEB	---	AUG	587
MAR	488	SEP	288
APR	830	OCT	292
MAY	529	NOV	---
JUN	683	DEC	---

TOTAL DISCHARGE, 5 060 dam³

FLAT CREEK NEAR BOYLE - STATION NO. 07CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0028	0.1028	0.018	0.018	0.033	0.001	0	0	---	---	1
2	---	---	0.0028	0.0888	0.020	0.013	0.031	0.001	0	0	---	---	2
3	---	---	0.0028	0.1048	0.017	0.008	0.018	0.088	0	0	---	---	3
4	---	---	0.0028	0.1088	0.018	0.002	0.078	0.102	0	0	---	---	4
5	---	---	0.0028	0.1158	0.018	0.002	0.023	0.018	0	0	---	---	5
6	---	---	0.0028	0.1288	0.021	0.002	0.088	0.008	0	0	---	---	6
7	---	---	0.0028	0.1248	0.024	0.002	0.278	0.004	0	0	---	---	7
8	---	---	0.0028	0.1188	0.022	0.068	0.284	0.001	0	0	---	---	8
9	---	---	0.0028	0.1088	0.020	0.187	0.182	0.084	0	0	---	---	9
10	---	---	0.0028	0.0938	0.020	0.082	0.142	0.004	0	0	---	---	10
11	---	---	0.0038	0.087	0.022	0.050	0.107	0.010	0	0	---	---	11
12	---	---	0.0038	0.078	0.018	0.154	0.113	0.010	0	0	---	---	12
13	---	---	0.0038	0.072	0.018	0.088	0.141	0.018	0	0	---	---	13
14	---	---	0.0038	0.068	0.018	0.087	0.134	0.008	0	0	---	---	14
15	---	---	0.0038	0.082	0.018	0.080	0.151	0.001	0	0	---	---	15
16	---	---	0.0048	0.063	0.017	0.048	0.387	0	0	0	---	---	16
17	---	---	0.0048	0.0478	0.018	0.013	0.120	0	0	0	---	---	17
18	---	---	0.0048	0.0428	0.018	0.018	0.084	0	0	0	---	---	18
19	---	---	0.0048	0.034A	0.014	0.018	0.081	0	0	0	---	---	19
20	---	---	0.0048	0.028	0.012	0.018	0.087	0	0	0	---	---	20
21	---	---	0.0048	0.024	0.010	0.012	0.068	0	0	0	---	---	21
22	---	---	0.0048	0.027	0.007	0.007	0.044	0	0	0	---	---	22
23	---	---	0.0058	0.028	0.004	0.006	0.038	0	0	0	---	---	23
24	---	---	0.0068	0.024	0.003	0.012	0.031	0	0	0	---	---	24
25	---	---	0.0188	0.023	0.002	0.008	0.024	0	0	0	---	---	25
26	---	---	0.0358	0.022	0.002	0.007	0.017	0	0	0 B	---	---	26
27	---	---	0.0558	0.035	0.001	0.004	0.015	0	0	0 B	---	---	27
28	---	---	0.0778	0.035	0.001	0.008	0.013	0	0	0 B	---	---	28
29	---	---	0.1078	0.024	0.001	0.015	0.008	0	0	0 B	---	---	29
30	---		0.0858	0.022	0.004	0.034	0.005	0	0	0.0018	---	---	30
31	---		0.1008		0.005		0.003	0		0.0018		---	31
TOTAL	---	---	0.563	1.829	0.399	1.033	2.748	0.348	0	0.002	---	---	TOTAL
MEAN	---	---	0.018	0.064	0.013	0.034	0.089	0.011	0	0	---	---	MEAN
MAX	---	---	0.107	0.128	0.024	0.167	0.387	0.102	0	0.001	---	---	MAX
MIN	---	---	0.002	0.022	0.001	0.002	0.003	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 0.387 ON JUL 16
MINIMUM DAILY, 0 ON AUG 18
MAXIMUM INSTANTANEOUS,
1.11 AT 22:18 MST ON AUG 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 35 15 N
LONG 112 54 20 W
DRAINAGE AREA, 184 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	238
FEB	---	AUG	30.1
MAR	68.8	SEP	0
APR	107	OCT	0.17
MAY	34.8	NOV	---
JUN	89.3	DEC	---

TOTAL DISCHARGE, 808 dam³

FOOTHILLS CREEK NEAR PINCHER CREEK - STATION NO. 05AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.051	0.012	0	0	0	0	---	---	1
2	---	---	---	---	0.047	0.008	0	0	0	0	---	---	2
3	---	---	---	---	0.040	0.008	0	0	0	0	---	---	3
4	---	---	---	---	0.037	0.008	0.005	0	0	0	---	---	4
5	---	---	---	---	0.038	0.009	0.014	0	0	0	---	---	5
6	---	---	---	---	0.045	0.012	0.004	0	0	0	---	---	6
7	---	---	---	---	0.064	0.026	0.001	0	0	0	---	---	7
8	---	---	---	---	0.103	0.031	0	0	0	0	---	---	8
9	---	---	---	---	0.110	0.026	0	0	0	0	---	---	9
10	---	---	---	---	0.088	0.020	0	0	0	0	---	---	10
11	---	---	---	---	0.067	0.016	0	0	0	0	---	---	11
12	---	---	---	---	0.058	0.017	0	0	0	0	---	---	12
13	---	---	---	0.042A	0.051	0.018	0	0	0	0	---	---	13
14	---	---	---	0.036	0.043	0.018	0	0	0	0	---	---	14
15	---	---	---	0.033	0.038	0.017	0	0	0	0	---	---	15
16	---	---	---	0.047	0.033	0.013	0	0	0	0	---	---	16
17	---	---	---	0.038	0.028	0.007	0	0	0	0	---	---	17
18	---	---	---	0.038	0.025	0.003	0	0	0	0	---	---	18
19	---	---	---	0.048	0.023	0.001	0	0	0	0	---	---	19
20	---	---	---	0.050	0.020	0.001	0	0	0	0	---	---	20
21	---	---	---	0.045	0.017	0.001	0	0	0	0	---	---	21
22	---	---	---	0.041	0.016	0.002	0	0	0	0	---	---	22
23	---	---	---	0.037	0.014	0.001	0	0	0	0	---	---	23
24	---	---	---	0.040	0.012	0	0	0	0	0	---	---	24
25	---	---	---	0.048	0.012	0	0	0	0	0	---	---	25
26	---	---	---	0.048	0.010	0	0	0	0	0	---	---	26
27	---	---	---	0.048	0.007	0	0	0	0	0	---	---	27
28	---	---	---	0.054	0.008	0.000	0	0	0	0	---	---	28
29	---	---	---	0.059	0.008	0.011	0	0	0	0	---	---	29
30	---		---	0.058	0.010	0.001	0	0	0	0	---	---	30
31	---		---		0.016		0			0		---	31
TOTAL	---	---	---	---	1.127	0.303	0.025	0	0	0	---	---	TOTAL
MEAN	---	---	---	---	0.036	0.010	0.001	0	0	0	---	---	MEAN
MAX	---	---	---	---	0.110	0.031	0.014	0	0	0	---	---	MAX
MIN	---	---	---	---	0.008	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.110 ON MAY 9
MINIMUM DAILY, 0 ON JUN 24

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 25 N
LONG 113 43 00 W
DRAINAGE AREA, 134 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.16
FEB	---	AUG	0
MAR	---	SEP	0
APR	---	OCT	0
MAY	97.4	NOV	---
JUN	26.2	DEC	---

FORSTER RESERVOIR NEAR CESSFORD - STATION NO. 05CH013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	25.185	25.227	25.618	25.316	25.492	24.443	25.005	25.881	25.838	---	1
2	---	---	25.184	25.228	25.647	25.328	25.478	24.424	25.118	25.884	25.831A	---	2
3	---	---	25.183	25.230	25.660	25.313	25.464	24.434	25.184	25.878	---	---	3
4	---	---	25.185	25.228	25.686	25.278	25.456	24.415	25.256	25.870	---	---	4
5	---	---	25.184	25.231	25.680	25.237	25.410	24.396	25.308	25.882	---	---	5
6	---	---	25.184	25.232	25.703	25.188	25.337	24.375	25.357	25.885	---	---	6
7	---	---	25.183	25.233	25.727	25.153	25.267	24.354	25.398	25.885	---	---	7
8	---	---	25.185	25.231	25.746	25.154	25.188	24.334	25.426	25.886	---	---	8
9	---	---	25.187	25.229	25.753	25.202	25.133	24.315	25.465	25.886	---	---	9
10	---	---	25.171	25.226	25.750	25.263	25.075	24.297	25.548	25.883	---	---	10
11	---	---	25.173	25.229	25.768	25.305	25.081	24.287	25.611	25.874	---	---	11
12	---	---	25.174	25.224	25.769	25.348	25.116	24.307	25.670	25.868	---	---	12
13	---	---	25.176	25.222	25.763	25.411	25.178	24.380	25.731	25.864	---	---	13
14	---	---	25.174	25.221	25.762	25.466	25.184	24.468	25.789	25.863	---	---	14
15	---	25.185A	25.173	25.221	25.762	25.512	25.119	24.545	25.857	25.859	---	---	15
16	---	25.180	25.175	25.220	25.765	25.567	25.065	24.603	25.922	25.858	---	---	16
17	---	25.177	25.177	25.209	25.752	25.627	25.018	24.659	25.954	25.854	---	---	17
18	---	25.174	25.182	25.207	25.711	25.685	24.981	24.717	25.958	25.850	---	---	18
19	---	25.174	25.188	25.202	25.664	25.736	24.933	24.745	25.952	25.850	---	---	19
20	---	25.178	25.184	25.201	25.614	25.776	24.880	24.758	25.980	25.848	---	---	20
21	---	25.177	25.189	25.198	25.590	25.774	24.868	24.775	25.984	25.847	---	---	21
22	---	25.188	25.204	25.193	25.601	25.762	24.843	24.777	25.968	25.854	---	---	22
23	---	25.187	25.208	25.193	25.647	25.748	24.800	24.778	25.962	25.860	---	---	23
24	---	25.187	25.210	25.205	25.698	25.724	24.770	24.778	25.965	25.862	---	---	24
25	---	25.188	25.213	25.202	25.386	25.684	24.758	24.770	25.971	25.837	---	---	25
26	---	25.188	25.216	25.325	25.370	25.657	24.728	24.764	25.970	25.841	---	---	26
27	---	25.187	25.218	25.386	25.350	25.625	24.714	24.756	25.969	25.830	---	---	27
28	---	25.187	25.216	25.445	25.328	25.587	24.681	24.750	25.968	25.825	---	---	28
29	---	25.187	25.216	25.500	25.331	25.567	24.601	24.748	25.977	25.824	---	---	29
30	---		25.218	25.556	25.323	25.525	24.554	24.769	25.980	25.829	---	---	30
31	---		25.223		25.313		24.498	24.871		25.827		---	31
MEAN	---	---	25.186	25.267	25.586	25.484	25.021	24.574	25.706	25.856	---	---	MEAN
MAX	---	---	25.223	25.556	25.768	25.776	25.492	24.871	25.980	25.886	---	---	MAX
MIN	---	---	25.183	25.183	25.313	25.153	24.498	24.287	25.005	25.824	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 25.986 ON OCT 6

MAXIMUM INSTANTANEOUS,
25.987 AT 13:33 MST ON SEP 28

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 51 N
LONG 111 46 56 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
303 km²

FREEMAN RIVER NEAR FORT ASSINIBOINE - STATION NO. 07AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0978	1.108	9.00	4.80	32.8	3.90	4.80	3.40	---	---	1
2	---	---	0.0858	1.128	11.2	4.48	27.2	3.84	4.48	3.18	---	---	2
3	---	---	0.0808	1.178	10.0	4.18	21.8	3.84	3.80	3.18	2.28	---	3
4	---	---	0.1108	1.198	9.00	3.90	21.8	2.98	3.80	2.78	---	---	4
5	---	---	0.1308	1.408	5.80	3.40	23.0	3.18	3.84	2.78	---	---	5
6	---	---	0.1578	1.508	5.80	2.98	31.4	3.40	3.18	2.78	---	---	6
7	---	---	0.1808	1.618	4.80	3.18	139	4.18	3.40	2.78	---	---	7
8	---	0.1188	0.1708	1.618	4.18	3.80	185	4.48	3.40	2.78	---	---	8
9	---	---	0.2008	1.988	4.18	7.10	140	5.80	3.80	2.78	---	---	9
10	---	---	0.2108	1.988	4.80	72.0	102	4.80	3.80	2.78	---	---	10
11	---	---	0.2388	1.888	3.90	72.0	81.0	4.48	4.80	2.78	---	---	11
12	---	---	0.2708	2.138	3.40	82.2	72.0	3.90	4.18	2.78	---	---	12
13	---	---	0.3208	1.618	3.84	48.2	125	3.84	3.80	2.78	---	---	13
14	---	---	0.3108	2.98	4.18	32.8	120	3.84	3.40	2.78	---	---	14
15	---	---	0.3208	3.18	8.00	24.4	78.5	3.90	3.18	2.78	---	---	15
16	---	---	0.3788	4.18	44.0	21.6	65.0	3.90	7.10	2.78	---	---	16
17	---	---	0.8628	5.16	27.2	16.0	55.2	4.18	3.40	2.78	---	---	17
18	---	---	0.8508	11.2	20.2	18.8	38.8	8.00	2.78	2.61	---	---	18
19	---	---	0.9208	11.2	12.4	21.6	34.2	18.8	2.98	2.44	---	---	19
20	---	---	0.9708	12.4	9.00	21.6	30.0	18.8	2.98	2.61	---	---	20
21	---	---	1.02 B	11.2	7.10	20.2	27.2	20.2	2.78	2.44	---	---	21
22	---	---	1.05 B	11.2	3.90	14.8	23.0	25.8	2.78	2.28	---	---	22
23	---	---	1.10 B	10.0	3.90	11.2	18.8	23.0	2.78	2.61	---	---	23
24	---	---	1.06 B	12.4	3.84	10.0	16.0	17.4	2.78	2.61	---	---	24
25	---	---	1.07 B	12.4	3.84	16.0	10.0	13.6	2.78	2.61	---	---	25
26	---	---	1.06 B	11.2	3.18	17.4	9.00	11.2	3.18	2.61	---	---	26
27	---	---	1.04 B	6.30	2.79	10.0	5.80	7.10	3.40	2.13	---	---	27
28	---	---	1.03 B	5.80	2.61	11.2	5.16	7.10	3.40	2.13	---	---	28
29	---	---	1.02 B	5.80	2.28	14.8	5.16	5.16	3.40	2.13	---	---	29
30	---		1.03 B	9.00	2.98	36.8	4.74E	5.16	3.40	2.44	---	---	30
31	---		1.05 B		3.18		4.32E	9.30		2.61		---	31
TOTAL	---	---	18.215	185.48	243.48	610.32	1 564.28	285.06	187.84	83.08	---	---	TOTAL
MEAN	---	---	0.588	6.52	7.85	20.3	50.5	9.23	6.80	2.68	---	---	MEAN
MAX	---	---	1.10	12.4	44.0	72.0	185	25.8	7.10	3.40	---	---	MAX
MIN	---	---	0.090	1.10	2.28	2.84	4.32	2.98	2.78	2.13	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 185 ON JUL 8
MINIMUM DAILY, 0.0808 ON MAR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 21 52 N
LONG 114 54 13 W
DRAINAGE AREA, 1 880 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	135 000
FEB	---	AUG	22 000
MAR	1 570	SEP	9 330
APR	14 300	OCT	7 180
MAY	21 000	NOV	---
JUN	52 700	DEC	---

TOTAL DISCHARGE, 283 000 dam³

GALWEY BROOK NEAR WATERTON PARK - STATION NO. 05AD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.029	0.305	0.177	0.188	0.012	0.021	0.004	0.042	---	1
2	---	---	---	0.027	0.312	0.184	0.153	0.012	0.021	0.005	---	---	2
3	---	---	---	0.027	0.383	0.153	0.143	0.012	0.020	0.008	---	---	3
4	---	---	---	0.032	0.288	0.130	0.152	0.012	0.020	0.007	---	---	4
5	---	---	---	0.031	0.328	0.113	0.148	0.012	0.018	0.008	---	---	5
6	---	---	---	0.068	0.378	0.103	0.148	0.011	0.018	0.018	---	---	6
7	---	---	---	0.034	0.363	0.105	0.128	0.010	0.018	0.012	---	---	7
8	---	---	---	0.106	0.488	0.104	0.102	0.010	0.018	0.014	---	---	8
9	---	---	---	0.077	0.874	0.093	0.088	0.008	0.017	0.013	---	---	9
10	---	---	---	0.053	1.14	0.089	0.102	0.009	0.017	0.013	---	---	10
11	---	---	---	0.098	1.53	0.084	0.088	0.009	0.017	0.015	---	---	11
12	---	---	---	0.041	1.76	0.084	0.083	0.010	0.015	0.022	---	---	12
13	---	---	---	0.038	1.82	0.047	0.083	0.008	0.015	0.021	---	---	13
14	---	---	---	0.038	1.60	0.084	0.077	0.009	0.014	0.021	---	---	14
15	---	---	---	0.038	1.28	0.084	0.071	0.010	0.015	0.026	---	---	15
16	---	---	---	0.038	1.07	0.048	0.071	0.010	0.015	0.031	---	---	16
17	---	---	0.021	0.032	0.828	0.040	0.067	0.011	0.011	0.031	---	---	17
18	---	---	0.021	0.030	0.845	0.040	0.063	0.014	0.009	0.028	---	---	18
19	---	---	0.024	0.034	0.753	0.045	0.061	0.017	0.008	0.028	---	---	19
20	---	---	0.023	0.034	0.838	0.048	0.054	0.017	0.007	0.028	---	---	20
21	---	---	0.022	0.035	0.808	0.048	0.048	0.018	0.005	0.029	---	---	21
22	---	---	0.021	0.028	0.676	0.044	0.034	0.017	0.005	0.031	---	---	22
23	---	---	0.022	0.045	0.588	0.048	0.017	0.016	0.004	0.033	---	---	23
24	---	---	0.023	0.050	0.488	0.042	0.018	0.018	0.004	0.031	---	---	24
25	---	---	0.027	0.081	0.258	0.036	0.017	0.018	0.003	0.031	---	---	25
26	---	---	0.022	0.288	0.220	0.038	0.018	0.017	0.003	0.028	---	---	26
27	---	---	0.038	0.274	0.173	0.077	0.018	0.020	0.003	0.024	---	---	27
28	---	---	0.024	0.150	0.130	0.148	0.018	0.023	0.003	0.028	---	---	28
29	---	---	0.040	0.228	0.178	0.142	0.018	0.020	0.003	0.038	---	---	29
30	---		0.028	0.251	0.174	0.152	0.014	0.021	0.004	0.043	---	---	30
31	---		0.038		0.183		0.013	0.021		0.043		---	31
TOTAL	---	---	---	2.321	20.336	2.540	3.277	0.427	0.347	0.700	---	---	TOTAL
MEAN	---	---	---	0.077	0.656	0.085	0.073	0.014	0.012	0.023	---	---	MEAN
MAX	---	---	---	0.288	1.82	0.177	0.188	0.023	0.021	0.043	---	---	MAX
MIN	---	---	---	0.027	0.130	0.036	0.013	0.008	0.003	0.004	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.135
MAXIMUM DAILY, 1.82 ON MAY 13
MINIMUM DAILY, 0.003 ON SEP 26
MAXIMUM INSTANTANEOUS,
2.00 AT 21:30 MST ON APR 28

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 25 N
LONG 113 51 00 W
DRAINAGE AREA, 20.5 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	187
FEB	---	AUG	38.8
MAR	---	SEP	30.0
APR	201	OCT	60.5
MAY	1 750	NOV	---
JUN	218	DEC	---

TOTAL DISCHARGE, 2 500 dam³

GHOST LAKE NEAR COCHRANE - STATION NO. 05BE005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1182.01	1181.77	1182.15	1181.90	1181.93	1186.35	1189.34	1190.24	1190.66	1182.25	1181.84	1182.08	1
2	1181.90	1181.73	1182.05	1182.03	1182.02	1186.57	1189.17	1190.43	1190.63	1182.29	1181.94	1182.15	2
3	1181.85	1181.72	1182.04	1181.94	1182.06	1186.67	1189.19	1190.85	1190.64	1182.30	1181.86	1182.21	3
4	1181.81	1181.77	1181.98	1182.26	1182.05	1186.66	1189.29	1190.80	1190.62	1182.27	1181.82	1182.23	4
5	1182.00	1181.77	1181.96	1182.39	1182.04	1186.66	1189.50	1190.63	1190.49	1182.20	1181.86	1182.06	5
6	1182.11	1181.81	1181.90	1182.26	1182.11	1187.18	1189.66	1190.81	1190.12	1182.24	1181.87	1182.06	6
7	1182.06	1181.83	1181.71	1182.30	1182.13	1187.74	1189.76	1190.90	1188.68	1182.13	1181.90	1182.11	7
8	1182.06	1181.80	1181.76	1182.19	1182.11	1186.56	1189.81	1190.84	1188.01	1182.01	1181.96	1182.03	8
9	1182.12	1181.87	1181.87	1182.16	1182.13	1189.44	1189.83	1190.74	1186.41	1181.86	1181.87	1181.94	9
10	1182.19	1181.85	1181.88	1182.09	1182.18	1189.83	1189.86	1190.87	1187.85	1181.79	1181.75	1181.93	10
11	1182.14	1181.95	1181.94	1181.94	1182.20	1189.75	1189.94	1190.83	1186.83	1181.75	1181.73	1181.94	11
12	1182.16	1182.04	1181.89	1181.95	1182.09	1189.54	1189.88	1190.83	1186.08	1181.69	1181.85	1182.01	12
13	1182.24	1182.05	1181.77	1181.89	1181.95	1189.27	1190.05	1190.86	1185.22	1181.77	1181.98	1182.05	13
14	1182.26	1181.99	1181.74	1181.89	1181.88	1189.28	1190.08	1190.71	1184.14	1181.82	1181.70	1182.01	14
15	1182.25	1181.83	1181.80	1181.96	1181.98	1189.40	1190.15	1190.75	1183.45	1181.83	1181.81	1181.90	15
16	1182.08	1181.80	1181.83	1182.05	1181.80	1189.41	1190.15	1190.70	1182.72	1181.91	1181.78	1181.75	16
17	1181.92	1181.95	1181.83	1182.06	1181.80	1189.45	1190.17	1190.86	1182.29	1181.69	1181.83	1181.76	17
18	1181.71	1181.80	1181.91	1181.99	1182.11	1189.56	1190.05	1190.85	1182.13	1181.81	1182.01	1181.79	18
19	1181.86	1181.94	1181.93	1181.92	1182.34	1189.65	1190.04	1190.85	1182.06	1181.81	1182.11	1181.83	19
20	1181.67	1182.10	1181.88	1181.98	1182.51	1189.70	1190.02	1190.71	1182.07	1181.90	1182.10	1181.85	20
21	1181.83	1182.08	1181.93	1182.08	1182.77	1189.84	1189.98	1190.70	1182.07	1181.87	1182.13	1181.85	21
22	1181.89	1182.01	1181.87	1182.07	1183.05	1189.83	1189.87	1190.74	1182.05	1181.82	1182.19	1181.86	22
23	1182.03	1182.06	1181.94	1182.06	1183.58	1189.78	1189.86	1190.77	1182.02	1181.76	1182.17	1181.88	23
24	1181.87	1182.08	1181.93	1182.13	1183.88	1189.84	1190.03	1190.74	1181.85	1181.72	1182.21	1181.84	24
25	1181.81	1182.08	1182.03	1182.06	1184.44	1189.89	1190.03	1190.74	1181.82	1181.84	1182.16	1181.79	25
26	1181.88	1182.08	1182.11	1181.98	1184.77	1189.83	1190.02	1190.70	1181.98	1181.80	1182.14	1181.73	26
27	1181.89	1182.16	1181.93	1181.94	1185.14	1189.80	1188.86	1190.85	1181.98	1181.82	1182.00	1181.86	27
28	1182.01	1182.07	1181.88	1181.92	1185.38	1189.93	1188.88	1190.81	1182.20	1181.86	1181.85	1181.71	28
29	1182.08	1181.85	1181.87	1181.86	1185.58	1189.94	1188.89	1190.84	1182.20	1181.89	1181.90	1181.70	29
30	1181.94		1181.87	1181.81	1185.87	1189.86	1190.01	1190.83	1182.16	1181.82	1182.01	1181.80	30
31	1181.86		1181.94		1186.03		1190.07	1190.86		1181.87		1181.86	31
MEAN	1181.98	1181.95	1181.91	1182.04	1182.95	1188.87	1189.87	1190.69	1185.16	1181.84	1181.83	1181.92	MEAN
MAX	1182.26	1182.16	1182.15	1182.39	1186.03	1189.94	1190.17	1190.90	1190.66	1182.37	1182.21	1182.23	MAX
MIN	1181.67	1181.72	1181.71	1181.88	1181.80	1186.35	1189.17	1190.24	1181.82	1181.64	1181.86	1181.86	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1184.28
MAXIMUM DAILY, 1190.90 ON AUG 7
MINIMUM DAILY, 1181.64 ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 13 00 N
LONG 114 43 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
5 480 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GHOST RIVER ABOVE WAIPAROUS CREEK - STATION NO. 05BG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.35	1.60	1.67	1.28	1.44	1.28	1.75	3.38	2.75	3.07	3.10	2.87	1
2	2.35	1.61	1.64	1.31	1.38	1.26	1.78	3.06	2.78	3.03	3.11	2.87	2
3	2.26	1.76	1.54	1.31	1.38	1.25	1.82	2.81	2.81	3.05	3.10	2.81	3
4	2.23	1.73	1.50	1.28	1.45	1.23	1.84	2.84	2.84	3.06	3.14	2.80	4
5	2.23	1.73	1.47	1.26	1.50	1.23	1.95	2.83	2.85	3.04	3.08	2.81	5
6	2.28	1.81	1.48	1.25	1.52	1.32	1.95	2.74	2.85	3.03	3.08	2.58	6
7	2.17	1.87	1.54	1.45	1.84	1.36	1.88	2.71	2.84	3.01	3.11	2.58	7
8	2.13	1.84	1.65	1.85	1.88	1.81	1.88	2.72	2.85	3.08	3.04	2.52	8
9	2.18	1.71	1.65	1.81	1.65	2.09	1.85	2.88	2.88	3.08	2.95	2.49	9
10	2.22	1.70	1.85	1.86	1.84	1.85	2.00	2.88	3.38	3.08	2.99	2.45	10
11	2.23	1.82	1.87	1.88	1.84	1.78	2.15	2.78	3.29	2.88	3.00	2.45	11
12	2.23	1.78	1.84	1.83	1.83	1.70	2.10	2.85	3.15	2.87	3.01	2.43	12
13	2.20	1.74	1.82	1.80	1.84	1.71	2.03	2.87	3.12	2.88	2.98A	2.42	13
14	2.15	1.72	1.80	1.87	1.82	1.70	2.01	2.88	3.01	3.07	2.98E	2.40	14
15	2.08	1.89	1.83	1.87	1.44	1.88	2.01	2.82	2.84	3.08	2.98E	2.40	15
16	2.04	1.88	1.80	1.72	1.47	1.85	2.00	9.19	3.06	3.13	2.95E	2.37	16
17	2.05	1.88	1.48	1.70	1.43	1.86	2.05	4.84	3.20	3.12	2.82E	2.32	17
18	2.06	1.83	1.43	1.80	1.28	1.61	2.09	4.22	3.14	3.08	2.80E	2.30	18
19	2.06	1.80	1.47	1.88	1.28	1.85	2.04	3.42	3.17	3.10	2.88E	2.33	19
20	2.04	1.82	1.82	1.81	1.28	1.83	2.05	3.34	3.21	3.05	2.87E	2.38	20
21	1.88	1.80	1.47	1.48	1.28	1.87	2.03	3.15	3.11	3.06	2.85E	2.35	21
22	1.89	1.84	1.41	1.48	1.28	1.87	2.04	2.91	3.06	3.12	2.84A	2.34	22
23	1.89	1.80	1.37	1.48	1.25	1.89	2.07	2.83	3.07	3.12	2.77	2.32	23
24	1.88	1.86	1.35	1.48	1.25	1.80	2.08	2.76	3.18	3.11	2.77	2.38	24
25	1.86	1.82	1.34	1.48	1.28	1.80	2.14	2.77	3.17	3.08	2.77	2.34	25
26	1.86	1.83	1.33	1.47	1.27	1.83	2.17	2.78	3.16	3.10	2.71	2.31	26
27	1.86	1.81	1.32	1.52	1.27	1.85	2.25	2.77	3.10	3.07	2.72	2.28	27
28	1.88	1.81	1.30	1.51	1.32	1.77	2.28	2.80	3.10	3.07	2.88	2.31	28
29	1.88	1.88	1.28	1.51	1.33	1.76	2.22	2.76	3.08	2.89	2.86	2.32	29
30	1.88		1.22	1.50	1.38	1.76	2.27	2.78	3.06	3.03	2.85	2.28	30
31	1.77		1.26		1.45		2.38	2.77		3.06		2.31	31
TOTAL	65.04	49.24	45.78	45.10	43.49	47.49	63.25	97.19	91.19	94.83	87.81	78.22	TOTAL
MEAN	2.10	1.70	1.48	1.50	1.40	1.58	2.04	3.14	3.04	3.06	2.92	2.43	MEAN
MAX	2.35	1.87	1.67	1.72	1.88	2.09	2.38	9.19	3.38	3.13	3.14	2.87	MAX
MIN	1.77	1.88	1.22	1.26	1.26	1.23	1.75	2.88	2.75	2.87	2.88	2.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.20
MAXIMUM DAILY, 9.19 ON AUG 18
MINIMUM DAILY, 1.22 ON MAR 30
MAXIMUM INSTANTANEOUS,
22.5 AT 03:14 MST ON AUG 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 18 15 N
LONG 114 58 18 W
DRAINAGE AREA, 486 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1941

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 5 820	JUL 5 480
FEB 4 250	AUG 8 400
MAR 3 950	SEP 7 880
APR 3 900	OCT 8 200
MAY 3 750	NOV 7 570
JUN 4 100	DEC 6 800

TOTAL DISCHARGE, 69 800 dam³

GHOST RIVER DIVERSION TO LAKE MINNEWANKA - STATION NO. 05BG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0 E	1.87	1.47	3.12	1.50	3.06	0.934	0.388E	1
2	0	0	0	0	0 E	1.50	1.47	3.43	1.39	2.88	0.934	0.340	2
3	0	0	0	0	0 E	1.50	1.80	4.47	1.36	2.49	0.906	0.311	3
4	0	0	0	0	0 E	1.84	2.01	4.81	1.33	2.28	0.906	0.311	4
5	0	0	0	0	0.028	1.88	2.35	4.88	1.30	2.12	0.878	0.283	5
6	0	0	0	0	0.057	3.71	4.45	5.37	1.27	2.01	0.850	0.255	6
7	0	0	0	0	0.085	4.42	3.84	6.00	1.25	1.87	0.850	0.255	7
8	0	0	0	0	0.142	7.38	2.94	5.13	1.22	1.78	0.821	0.227	8
9	0	0	0	0	0.283	7.08	2.52	4.22	1.22	1.70	0.793	0.227	9
10	0	0	0	0	0.481	6.37	2.21	3.80	1.27	1.69	0.765	0.198	10
11	0	0	0	0	0.934	4.75	2.07	3.34	1.27	1.58	0.736	0.170	11
12	0	0	0	0	1.67	3.74	2.32	2.97	1.39	1.50	0.708	0.170	12
13	0	0	0	0	2.52	3.26	2.27	2.83	1.50	1.44	0.680	0.142	13
14	0	0	0	0	1.67	2.83	2.01	2.64	1.50	1.39	0.680	0.142	14
15	0	0	0	0	1.25	2.83	1.84	2.27	1.42	1.38	0.651	0.113E	15
16	0	0	0	0	1.36	2.88	1.73	2.12	1.59	1.33	0.623	0.113	16
17	0	0	0	0	1.81	3.03	1.58	2.04	1.76	1.27	0.623	0.085	17
18	0	0	0	0	1.30	2.80	1.47	2.21	1.81	1.25	0.595	0.085	18
19	0	0	0	0	1.02	2.49	1.38	2.32	1.95	1.25	0.595	0.057	19
20	0	0	0	0	0.934	2.29	1.30	2.58	1.95	1.19	0.595	0.057	20
21	0	0	0	0	0.906	2.10	1.25	2.82	1.93	1.19	0.595	0.028	21
22	0	0	0	0	1.13	2.01	1.19	2.89	1.81	1.19	0.536	0.028E	22
23	0	0	0	0	1.76	1.95	1.13	2.58	1.76	1.13	0.510E	0	23
24	0	0	0	0	1.76	1.81	1.10	2.29	1.76	1.10	0.510	0	24
25	0	0	0	0	1.38	1.70	1.08	2.10	1.76	1.08	0.481	0	25
26	0	0	0	0	1.42	1.59	1.05	2.04	1.76	1.08	0.453	0	26
27	0	0	0	0	1.33	1.56	1.02	1.93	1.73	1.05	0.453	0	27
28	0	0	0	0	1.22	1.59	0.991	1.81	1.84	1.02	0.425	0	28
29	0	0	0	0	1.27	1.67	0.963	1.73	1.78	0.991	0.396	0	29
30	0		0	0	1.22	1.59	0.934	1.67	2.63	0.963	0.388E	0	30
31	0		0		1.59		0.934	1.56		0.934		0	31
TOTAL	0	0	0	0	30.880	85.48	54.462	88.57	47.85	48.868	18.794	3.885	TOTAL
MEAN	0	0	0	0	0.999	2.85	1.78	3.18	1.60	1.51	0.680	0.125	MEAN
MAX	0	0	0	0	2.52	7.38	4.45	6.81	2.63	3.06	0.934	0.388	MAX
MIN	0	0	0	0	0	1.50	0.934	1.56	1.22	0.934	0.388	0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.06
MAXIMUM DAILY, 7.38 ON JUN 6
MINIMUM DAILY, 0 ON JAN 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 17 00 N
LONG 115 10 00 W

E - ESTIMATED
REGULATED

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	4 710
FEB	0	AUG	8 520
MAR	0	SEP	4 130
APR	0	OCT	4 060
MAY	2 880	NOV	1 710
JUN	7 390	DEC	343

TOTAL DISCHARGE, 33 800 dam³

GHOST RIVER NEAR BLACK ROCK MOUNTAIN - STATION NO. 05BG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.453E	0.566	2.52	1.78	2.89	1.88	2.85	1.33	---	1
2	---	---	---	0.453E	0.566	2.12	1.78	3.89	1.84	2.37	1.33	---	2
3	---	---	---	0.453E	0.566	1.88	2.27	5.81	1.78	2.11	1.30	---	3
4	---	---	---	0.453E	0.566	2.28	2.44	13.5	1.78	2.88	1.30	---	4
5	---	---	---	0.453E	0.566	2.35	2.88	12.3	1.73	2.66	1.27	---	5
6	---	---	---	0.453	0.823	4.13	5.41	8.47	1.87	2.55	1.25	---	6
7	---	---	---	0.481	0.823	5.10	4.38	7.88	1.84	2.38	1.22	---	7
8	---	---	---	0.453	0.795	14.2	3.82	6.28	1.81	2.27	1.22	---	8
9	---	---	---	0.453	1.10	9.87	3.11	5.10	1.59	2.18	1.18	---	9
10	---	---	---	0.453	1.53	7.80	2.78	4.30	1.84	2.04	1.18	---	10
11	---	---	---	0.453	2.83	5.38	2.81	4.02	1.87	2.01	1.13	---	11
12	---	---	---	0.453	4.50	4.25	2.92	3.67	1.81	1.95	1.08	---	12
13	---	---	---	0.453	5.41	3.88	2.88	3.20	1.93	1.90	1.08	---	13
14	---	---	---	0.481	3.81	3.17	2.58	2.87	1.93	1.81	1.08	---	14
15	---	---	---	0.481	2.81	2.84	2.35	2.78	1.81	1.78	1.05	---	15
16	---	---	---	0.510	2.72	2.97	2.24	2.81	2.04	1.78	1.02	---	16
17	---	---	---	0.510	3.57	3.40	2.01	2.62	2.27	1.70	1.02	---	17
18	---	---	---	0.510	2.85	3.17	1.83	2.75	2.32	1.67	1.02	---	18
19	---	---	---	0.566	1.95	2.83	1.81	2.69	2.48	1.84	1.02	---	19
20	---	---	---	0.566	1.75	2.81	1.73	3.20	2.62	1.81	0.991	---	20
21	---	---	---	0.566	1.67	2.41	1.87	3.82	2.44	1.81	0.963	---	21
22	---	---	---	0.538	2.01	2.32	1.81	3.82	2.32	1.81	0.934	---	22
23	---	---	---	0.538	3.11	2.27	1.66	3.23	2.27	1.58	0.934	---	23
24	---	---	---	0.538	2.08	2.10	1.83	2.82	2.27	1.83	0.934E	---	24
25	---	---	---	0.538	2.35	1.98	1.47	2.66	2.27	1.80	0.908E	---	25
26	---	---	---	0.538	2.35	1.87	1.42	2.81	2.24	1.80	0.908E	---	26
27	---	---	---	0.538	2.18	1.81	1.42	2.49	2.18	1.44	0.908E	---	27
28	---	---	---	0.538	1.85	1.87	1.39	2.32	2.07	1.42	0.878E	---	28
29	---	---	---	0.566	2.01	1.98	1.33	2.24	2.21	1.42	0.878E	---	29
30	---		---	0.566	1.83	1.87	1.30	2.18	3.26	1.38	0.878E	---	30
31	---		---		2.44		1.30	2.04		1.33		---	31
TOTAL	---	---	---	15.005	84.200	107.04	69.38	131.82	61.58	61.41	32.148	---	TOTAL
MEAN	---	---	---	0.500	2.07	3.57	2.24	4.26	2.05	1.98	1.07	---	MEAN
MAX	---	---	---	0.566	5.41	14.2	5.41	13.5	3.26	3.65	1.33	---	MAX
MIN	---	---	---	0.453	0.566	1.81	1.30	2.04	1.59	1.33	0.878	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.22
MAXIMUM DAILY, 14.2 ON JUN 8
MINIMUM DAILY, 0.453E ON APR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 18 00 N
LONG 115 11 00 W
DRAINAGE AREA, 211 km²

E - ESTIMATED
NATURAL FLOW

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 690
FEB	---	AUG	11 400
MAR	---	SEP	5 330
APR	1 300	OCT	5 310
MAY	5 550	NOV	3 780
JUN	9 250	DEC	---

TOTAL DISCHARGE, 48 800 dam³

GLENMORE RESERVOIR AT CALGARY - STATION NO. 05BJ005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1074.868	1073.668	1073.638	1073.488	1073.808	1074.078	1075.048	1074.878	1075.828	1075.808	1075.348	1075.238	1
2	1074.808	1073.628	1073.648	1073.858	1073.884	1074.858	1075.088	1074.818	1075.828	1075.488	1075.388	1075.248	2
3	1074.488	1073.598	1073.658	1073.818	1073.888	1074.818	1075.088	1075.128	1075.828	1075.518	1075.388	1075.248	3
4	1074.428	1073.858	1073.898	1073.878	1073.818	1074.878	1075.048	1075.288	1075.828	1075.838	1075.388	1075.248	4
5	1074.378	1073.838	1073.888	1073.718	1073.888	1074.888	1075.128	1075.388	1075.818	1075.848	1075.388	1075.288	5
6	1074.328	1073.908	1073.888	1073.788	1073.888	1074.908	1075.188	1075.418	1075.878	1075.848	1075.378	1075.288	6
7	1074.288	1073.888	1073.878	1073.808	1073.738	1074.898	1075.188	1075.408	1075.738	1075.848	1075.388	1075.288	7
8	1074.208	1073.878	1073.878	1073.848	1073.748	1074.778	1075.148	1075.388	1075.888	1075.838	1075.408	1075.288	8
9	1074.158	1073.888	1073.888	1073.888	1073.728	1074.688	1075.088	1075.378	1075.438	1075.828	1075.428	1075.238	9
10	1074.108	1073.858	1073.898	1073.888	1073.718	1074.418	1075.028	1075.388	1075.408	1075.818	1075.458	1075.238	10
11	1074.058	1073.858	1073.898	1073.888	1073.718	1074.208	1074.988	1075.388	1075.418	1075.808	1075.488	1075.238	11
12	1074.008	1073.848	1073.898	1073.848	1073.728	1074.278	1074.828	1075.388	1075.388	1075.478	1075.488	1075.238	12
13	1073.958	1073.848	1073.898	1073.788	1073.838	1074.388	1074.808	1075.378	1075.208	1075.428	1075.508	1075.248	13
14	1073.918	1073.848	1073.818	1073.738	1073.888	1074.488	1074.728	1075.348	1075.088	1075.388	1075.508	1075.248	14
15	1073.878	1073.848	1073.818	1073.688	1074.128	1074.588	1074.858	1075.328	1075.088	1075.388	1075.458	1075.228	15
16	1073.838	1073.848	1073.888	1073.848	1074.228	1074.808	1074.588	1075.378	1075.078	1075.378	1075.378	1075.208	16
17	1073.808	1073.858	1073.848	1073.838	1074.308	1074.888	1074.498	1075.428	1075.108	1075.378	1075.308	1075.188	17
18	1073.778	1073.858	1073.828	1073.808	1074.418	1074.728	1074.498	1075.448	1075.128	1075.388	1075.278	1075.188	18
19	1073.758	1073.858	1073.828	1073.888	1074.488	1074.788	1074.548	1075.468	1075.158	1075.388	1075.288	1075.198	19
20	1073.738	1073.488	1073.838	1073.818	1074.588	1074.788	1074.588	1075.488	1075.178	1075.358	1075.258	1075.178	20
21	1073.718	1073.478	1073.[illegible]	73.838	1074.598	1074.758	1074.588	1075.488	1075.198	1075.348	1075.248	1075.138	21
22	1073.708	1073.488	1073.8[illegible]	73.888	1074.638	1074.738	1074.588	1075.588	1075.218	1075.348	1075.258	1075.088	22
23	1073.688	1073.488	1073.818	1073.888	1074.688	1074.728	1074.578	1075.628	1075.248	1075.338	1075.278	1075.068	23
24	1073.678	1073.488	1073.838	1073.858	1074.728	1074.748	1074.578	1075.688	1075.288	1075.238	1075.288	1075.018	24
25	1073.678	1073.488	1073.848	1073.878	1074.848	1074.808	1074.588	1075.748	1075.318	1075.338	1075.278	1074.978	25
26	1073.678	1073.488	1073.888	1073.888	1074.818	1074.838	1074.838	1075.788	1075.358	1075.348	1075.258	1074.938	26
27	1073.688	1073.508	1073.898	1073.858	1074.838	1074.838	1074.508	1075.858	1075.398	1075.358	1075.228	1074.888	27
28	1073.688	1073.518	1073.888	1073.838	1074.858	1074.878	1074.488	1075.828	1075.438	1075.358	1075.208	1074.848	28
29	1073.688	1073.528	1073.818	1073.808	1074.888	1074.888	1074.508	1075.818	1075.458	1075.348	1075.208	1074.808	29
30	1073.698		1073.838	1073.898	1074.878	1075.028	1074.518	1075.808	1075.478	1075.348	1075.218	1074.788	30
31	1073.888		1073.488		1074.888		1074.528	1075.828		1075.348		1074.738	31
MEAN	1073.880	1073.487	1073.587	1073.882	1074.237	1074.737	1074.782	1075.480	1075.428	1075.428	1075.343	1075.128	MEAN
MAX	1074.888	1073.888	1073.898	1073.888	1074.878	1075.028	1075.188	1075.828	1075.838	1075.848	1075.508	1075.288	MAX
MIN	1073.678	1073.448	1073.488	1073.488	1073.888	1074.278	1074.488	1074.878	1075.088	1075.338	1075.208	1074.738	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1074.810
MAXIMUM DAILY, 1075.828 ON AUG 28
MINIMUM DAILY, 1073.448 ON FEB 12

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 00 00 N
LONG 114 05 00 W
DATA CONTRIBUTED BY -
CITY OF CALGARY WATER WORKS DEPARTMENT

DRAINAGE AREA,
1 220 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -10.839 m ADJUSTMENT TO CONVERT TO CITY OF CALGARY DATUM

GOAT CREEK AT BANFF PARK BOUNDARY - STATION NO. 05BC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.22	1.188	1.14	0.845	1.15	1.30	1.39	1.58	1.37	1.23	1.34	1.20	1
2	1.16	1.178	1.17	0.861	1.16	1.28	1.42	1.48	1.38	1.17	1.30	1.21	2
3	1.148	1.168	1.16	0.877	1.17	1.29	1.40	1.43	1.40	1.13	1.26	1.22	3
4	1.118	1.188	1.16	0.882	1.21	1.31	1.36	1.42	1.38	1.08	1.26	1.22	4
5	1.138	1.178	1.20	0.951	1.22	1.33	1.41	1.40	1.37	0.982	1.28	1.23	5
6	1.158	1.20	1.22	0.884	1.22	1.40	1.40	1.41	1.40	0.961	1.28	1.22	6
7	1.148	1.20	1.19	0.892	1.13	1.51	1.37	1.42	1.43	1.34	1.24	1.22	7
8	1.108	1.168	1.16	0.954	1.15	1.61	1.37	1.41	1.40	1.02	1.23	1.21	8
9	1.128	1.128	1.13	0.874	1.14	1.55	1.35	1.41	1.38	1.02	1.24	1.20	9
10	1.17	1.138	1.15	1.01 B	1.18	1.47	1.38	1.42	1.42	1.05	1.25	1.21	10
11	1.15	1.13	1.13 B	1.02	1.20	1.47	1.38	1.42	1.39	1.07	1.24	1.19	11
12	1.16	1.17	1.11 B	1.03	1.23	1.42	1.38	1.40	1.39	1.08	1.26	1.20	12
13	1.18	1.19	1.15	1.11	1.25	1.43	1.30	1.41	1.38	1.10	1.25	1.20	13
14	1.20	1.20	1.13	1.18	1.27	1.42	1.30	1.42	1.38	1.15	1.23	1.21	14
15	1.20	1.20	1.10	1.23	1.27	1.41	1.29	1.40	1.37	1.34	1.21	1.20	15
16	1.23	1.17	1.10 B	1.27	1.27	1.44	1.29	1.39	1.39	1.37	1.23	1.19	16
17	1.19	1.14	1.08 B	1.26	1.25	1.45	1.28	1.41	1.39	1.28	1.23	1.19	17
18	1.138	1.18	1.08	1.23	1.25	1.49	1.27	1.44	1.41	1.29	1.23	1.18	18
19	1.078	1.18	1.08	1.26	1.26	1.48	1.24	1.41	1.38	1.30	1.24	1.19	19
20	1.12	1.21	1.08	1.19	1.23	1.44	1.23	1.49	1.38	1.32	1.24	1.19	20
21	1.15	1.22	1.07	1.15	1.21	1.42	1.24	1.44	1.37	1.33	1.24	1.18	21
22	1.19	1.188	1.06	1.16	1.21	1.40	1.21	1.40	1.34	1.33	1.24	1.19	22
23	1.20	1.14	1.04	1.16	1.23	1.32	1.24	1.40	1.35	1.35	1.21	1.17	23
24	1.198	1.188	1.03	1.16	1.24	1.37	1.24	1.38	1.30	1.34	1.22	1.18	24
25	1.23	1.20	1.08	1.10	1.28	1.41	1.27	1.38	1.31	1.32	1.21	1.16	25
26	1.24	1.20	1.01	1.12	1.27	1.42	1.28	1.49	1.36	1.36	1.20	1.188	26
27	1.24	1.21	0.995	1.14	1.28	1.42	1.29	1.38	1.38	1.36	1.22	1.18	27
28	1.28	1.22	0.9635	1.14	1.28	1.42	1.31	1.38	1.39	1.38	1.21	1.16	28
29	1.22	1.18	0.952	1.16	1.29	1.42	1.31	1.38	1.37	1.37	1.21	1.18	29
30	1.228		0.948	1.16	1.28	1.38	1.31	1.37	1.33	1.39	1.20	1.17	30
31	1.188		0.941		1.38		1.34	1.38		1.38		1.18	31
TOTAL	36.43	34.10	33.828	32.830	38.12	42.47	40.82	43.88	41.31	38.152	37.23	38.80	TOTAL
MEAN	1.18	1.18	1.09	1.10	1.23	1.42	1.32	1.42	1.38	1.23	1.24	1.18	MEAN
MAX	1.28	1.22	1.22	1.27	1.38	1.61	1.42	1.58	1.43	1.39	1.34	1.23	MAX
MIN	1.07	1.12	0.941	0.845	1.13	1.28	1.21	1.38	1.30	0.961	1.20	1.16	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.25
MAXIMUM DAILY, 1.61 ON JUN 8
MINIMUM DAILY, 0.941 ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 30 N
LONG 115 25 50 W
DRAINAGE AREA, 40.8 km²

B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 150	JUL	3 530
FEB	2 960	AUG	3 790
MAR	2 920	SEP	3 570
APR	2 850	OCT	3 300
MAY	3 290	NOV	3 220
JUN	3 670	DEC	3 190

TOTAL DISCHARGE, 39 400 dam³

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

COLD CREEK NEAR FRANK - STATION NO. 05AA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.270	0.518	0.626	0.506	0.383	0.315	0.301	0.247	0.238	1
2	---	---	---	0.291	0.492	0.606	0.492	0.408	0.314	0.300	0.248	0.233	2
3	---	---	---	0.298	0.480	0.592	0.483	0.384	0.309	0.302	0.258	0.235	3
4	---	---	---	0.280	0.517	0.585	0.474	0.371	0.311	0.304	0.254	0.242	4
5	---	---	---	0.278	0.536	0.583	0.507	0.388	0.313	0.308	0.258	0.248	5
6	---	---	---	0.348	0.535	0.594	0.483	0.386	0.310	0.308	0.258	0.254	6
7	---	---	---	0.370	0.541	0.594	0.459	0.375	0.316	0.308	0.254	0.258	7
8	---	---	---	0.318	0.551	1.03	0.447	0.372	0.316	0.304	0.257	0.2578	8
9	---	---	---	0.3058	0.587	0.874	0.438	0.358	0.320	0.308	0.281	0.257	9
10	---	---	---	0.303	0.885	0.827	0.428	0.355	0.321	0.304	0.284	0.257	10
11	---	---	---	0.325	0.781	0.885	0.435	0.357	0.324	0.296	0.257	0.258	11
12	---	---	---	0.338	0.900	0.847	0.425	0.357	0.321	0.287	0.256	0.258	12
13	---	---	---	0.328	0.994	0.827	0.420	0.348	0.314	0.283	0.253	0.280A	13
14	---	---	---	0.328	0.943	0.800	0.418	0.341	0.311	0.294	0.257	---	14
15	---	---	---	0.347	0.883	0.788	0.418	0.345	0.302	0.296	0.2588	---	15
16	---	---	---	0.388	0.812	0.726	0.417	0.348	0.308	0.286	0.258	---	16
17	---	---	---	0.453	0.789	0.702	0.401	0.351	0.325	0.288	0.2588	---	17
18	---	---	---	0.501	0.780	0.678	0.408	0.348	0.318	0.288	0.2528	---	18
19	---	---	---	0.530	0.745	0.644	0.403	0.345	0.315	0.286	0.250	---	19
20	---	---	---	0.538	0.717	0.630	0.382	0.353	0.316	0.283	0.247	---	20
21	---	---	---	0.548	0.687	0.607	0.382	0.358	0.310	0.284	0.250	---	21
22	---	---	---	0.521	0.656	0.592	0.376	0.344	0.308	0.280	0.263	---	22
23	---	---	0.273A	0.507	0.634	0.570	0.376	0.337	0.318	0.276	0.286	---	23
24	---	---	0.287	0.532	0.618	0.548	0.373	0.330	0.320	0.276	0.2538	---	24
25	---	---	0.282	0.513	0.594	0.545	0.385	0.333	0.334	0.275	0.2578	---	25
26	---	---	0.280	0.484	0.580	0.538	0.387	0.348	0.321	0.280	0.2538	---	26
27	---	---	0.280	0.480	0.556	0.526	0.384	0.337	0.317	0.271	0.2538	---	27
28	---	---	0.283	0.482	0.554	0.547	0.385	0.328	0.312	0.288	0.2488	---	28
29	---	---	0.282	0.507	0.580	0.542	0.384	0.328	0.308	0.286	0.2418	---	29
30	---		0.2818	0.521	0.604	0.522	0.358	0.318	0.301	0.286	0.2488	---	30
31	---		0.259		0.688		0.385	0.318		0.285		---	31
TOTAL	---	---	---	12.285	20.509	20.258	12.810	10.818	9.441	8.835	7.841	---	TOTAL
MEAN	---	---	---	0.405	0.662	0.675	0.418	0.352	0.315	0.288	0.255	---	MEAN
MAX	---	---	---	0.548	0.994	1.03	0.507	0.408	0.334	0.308	0.288	---	MAX
MIN	---	---	---	0.270	0.480	0.522	0.358	0.318	0.301	0.255	0.241	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.422
MAXIMUM DAILY, 1.03 ON JUN 8
MINIMUM DAILY, 0.2418 ON NOV 29
MAXIMUM INSTANTANEOUS,
1.07 AT 17:10 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 08 N
LONG 114 24 00 W
DRAINAGE AREA, 62.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 120
FEB	---	AUG	843
MAR	---	SEP	816
APR	1 080	OCT	772
MAY	1 770	NOV	680
JUN	1 750	DEC	---

TOTAL DISCHARGE, 8 880 dam³

GRANDE PRAIRIE CREEK NEAR SEXSMITH - STATION NO. 07GE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0048	0.002	0	0.013	0	0	0.001	0B	---	1
2	---	---	0 B	0.0058	0.001	0	0.014	0	0	0.001	0B	---	2
3	---	---	0 B	0.241	0.002	0	0.347	0	0	0.001	0B	---	3
4	---	---	0 B	0.206	0.002	0	0.261	0	0	0.001	---	---	4
5	---	---	0 B	0.121	0.002	0	0.206	0	0	0.001	---	---	5
6	---	---	0 B	0.062	0.003	0.032	0.304	0	0	0.001	---	---	6
7	---	---	0 B	0.071	0.003	0.072	0.182	0	0.001	0.001	---	---	7
8	---	---	0 B	0.083	0.003	0.227	0.088	0	0.001	0.001	---	---	8
9	---	---	0 B	0.040	0.002	0.161	0.052	0	0.002	0.001	---	---	9
10	---	---	0 B	0.028	0.002	0.086	0.030	0	0.002	0.001	---	---	10
11	---	---	0 B	0.032	0	0.114	0.085	0	0.001	0.002	---	---	11
12	---	---	0 B	0.022	0	0.088	0.187	0	0.001	0.002	---	---	12
13	---	---	0 B	0.014	0	0.080	0.163	0	0.001	0.002	---	---	13
14	---	---	0 B	0.014	0.002	0.083	0.163	0	0	0.002	---	---	14
15	---	---	0 B	0.002	0.002	0.087	0.118	0	0.001	0.002	---	---	15
16	---	---	0 B	0.005	0.001	0.081	0.088	0	0.001	0.002	---	---	16
17	---	---	0 B	0.009	0	0.057	0.083	0	0.001	0.002	---	---	17
18	---	---	0 B	0.010	0	0.035	0.060	0	0.001	0.002	---	---	18
19	---	---	0.0018	0.008	0	0.012	0.035	0	0.001	0.002	---	---	19
20	---	---	0.0018	0.004	0	0.003	0.014	0	0.001	0.002	---	---	20
21	---	---	0.0018	0.003	0	0.004	0.002	0	0.001	0.002	---	---	21
22	---	0B	0.0018	0.002	0	0.003	0	0	0.001	0.001	---	---	22
23	---	0B	0.0018	0.002	0	0	0	0	0.001	0.001	---	---	23
24	---	0B	0.0018	0.003	0	0	0	0	0.001	0.001	---	---	24
25	---	0B	0.0018	0.001	0	0	0	0	0.001	0.001	---	---	25
26	---	0B	0.0018	0.002	0	0	0	0.001	0.001	0.001	---	---	26
27	---	0B	0.0018	0.002	0	0	0	0.001	0.001	0.0018	---	---	27
28	---	0B	0.0018	0.002	0	0	0	0.001	0.001	0.0018	---	---	28
29	---	0B	0.0018	0.002	0	0.003	0	0.001	0.001	0.0018	---	---	29
30	---		0 B	0.001	0	0	0	0.001	0.001	0.0018	---	---	30
31	---		0.0018		0		0	0.001		0 B		---	31
TOTAL	---	---	0.012	1.000	0.027	1.228	2.328	0.008	0.025	0.041	---	---	TOTAL
MEAN	---	---	0	0.033	0.001	0.041	0.075	0	0.001	0.001	---	---	MEAN
MAX	---	---	0.001	0.241	0.003	0.227	0.347	0.001	0.002	0.002	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.347 ON JUL 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.508 AT 17:30 MST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 22 28 N
LONG 118 54 50 W
DRAINAGE AREA, 152 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	201
FEB	---	AUG	0.52
MAR	1.04	SEP	2.18
APR	88.4	OCT	3.54
MAY	2.33	NOV	---
JUN	106	DEC	---

TOTAL DISCHARGE, 403 dam³

GREASEWOOD RESERVOIR NEAR ELKWATER - STATION NO. 11AE003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	25.885	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	DRY	---	---	---	---	4
5	---	---	---	29.778	30.027	---	DRY	---	---	---	---	---	5
6	---	---	27.140E	28.830E	30.030E	28.415	24.480E	DRY	25.006	25.518	---	---	6
7	---	---	27.208	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	30.088	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	24.670	DRY	---	---	---	---	15
16	---	---	27.728	30.085E	29.850E	25.340E	24.880E	24.480E	25.142	25.870E	---	---	16
17	---	---	---	---	29.938	26.235	---	---	---	25.868	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	25.228	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	28.638	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	30.082	---	27.300E	24.810	---	25.330E	---	---	---	26
27	---	---	28.630E	---	28.840E	---	24.580E	24.870E	---	25.820E	---	---	27
28	---	---	---	---	---	27.085	---	---	---	---	---	---	28
29	---	28.810E	---	---	---	---	---	---	---	---	---	---	29
30	---		29.120	30.080E	---	28.380E	---	---	25.400E	---	---	---	30
31	---		29.230E		28.533		24.620E	25.010		25.870E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 30.088 ON APR 14
MINIMUM DAILY, DRY ON AUG 5

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 28 54 N
LONG 110 23 58 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
9.32 km²

GREGG RIVER NEAR THE MOUTH - STATION NO. 07AF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.340B	0.885B	2.05	1.82	2.70	1.27	2.18	3.05	1.27	---	1
2	---	---	0.340B	0.700B	1.80	1.84	2.47	1.81	2.08	2.78	1.38A	---	2
3	---	---	0.339B	0.730B	1.81	1.73	2.48	1.74	1.88	2.63	---	---	3
4	---	---	0.345B	0.780B	1.75	1.73	2.76	1.58	1.88	2.48	---	---	4
5	---	---	0.350B	0.800B	1.69	1.79	2.80	1.82	1.78	2.37	---	---	5
6	---	---	0.353B	0.840B	1.76	2.89	3.48	4.10	1.89	2.30	---	---	6
7	---	---	0.359B	0.880B	1.83	3.81	3.37	5.40	1.82	2.20	---	---	7
8	---	---	0.363B	0.940B	1.88	6.50	2.63	5.02	1.75	2.11	---	---	8
9	---	---	0.370B	0.980B	2.22	11.9	2.44	4.05	1.70	2.01	---	---	9
10	---	---	0.374B	1.07 B	2.58	9.81	2.30	3.36	1.82	1.93	---	---	10
11	---	---	0.380B	1.13 B	2.63	8.95	2.86	3.49	1.78	1.90	---	---	11
12	---	---	0.386B	1.22 B	3.21	8.25	3.17	3.33	1.87	1.84	---	---	12
13	---	---	0.392B	1.31 E	3.26	8.66	2.63	3.00	1.78	1.77	---	---	13
14	---	---	0.398B	1.44 A	3.18	8.87	2.27	2.80	1.78	1.74	---	---	14
15	---	---	0.407B	2.13	2.84	5.41	2.09	2.88	1.70	1.71	---	---	15
16	---	---	0.412B	2.98	2.84	5.03	1.90	3.74	2.38	1.63	---	---	16
17	---	---	0.422B	3.57	2.68	4.62	1.73	5.82	2.88	1.61	---	---	17
18	---	---	0.432B	3.98	2.45	4.27	1.88	6.33	2.18	1.50	---	---	18
19	---	---	0.440B	3.90	2.23	4.08	1.84	5.88	2.08	1.50	---	---	19
20	---	---	0.450B	3.26	2.14	3.80	1.58	5.18	2.08	1.48	---	---	20
21	---	---	0.462B	3.26	2.07	3.52	1.48	4.90	2.01	1.67	---	---	21
22	---	---	0.476B	3.34	2.10	3.26	1.38	4.43	1.93	1.58	---	---	22
23	---	---	0.482B	3.10	2.18	3.06	1.35	4.18	1.88	1.49	---	---	23
24	---	---	0.493B	2.83	2.17	2.78	1.30	3.81	1.88	1.41	---	---	24
25	---	---	0.513B	2.33	2.09	2.58	1.25	3.55	1.84	1.38	---	---	25
26	---	---	0.532B	2.14	2.08	2.50	1.21	3.30	1.78	1.43	---	---	26
27	---	---	0.550B	2.24	2.08	2.55	1.26	3.07	1.85	1.18B	---	---	27
28	---	---	0.570B	2.44	2.00	2.55	1.33	2.82	2.04	1.13B	---	---	28
29	---	---	0.590B	2.44	2.03	2.89	1.23	2.88	2.23	1.03B	---	---	29
30	---		0.610B	2.35	2.01	3.21	1.20	2.54	3.25	1.25	---	---	30
31	---		0.840B		1.84		1.14	2.24		1.22		---	31
TOTAL	---	---	13.569	59.795	69.72	131.41	63.81	110.75	59.20	55.12	---	---	TOTAL
MEAN	---	---	0.438	1.99	2.25	4.38	2.03	3.57	1.97	1.78	---	---	MEAN
MAX	---	---	0.840	3.98	3.26	11.9	3.48	6.40	3.25	3.05	---	---	MAX
MIN	---	---	0.339	0.885	1.88	1.73	1.14	1.27	1.67	1.03	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.30
MAXIMUM DAILY, 11.9 ON JUN 9
MINIMUM DAILY, 0.339B ON MAR 3
MAXIMUM INSTANTANEOUS,
16.1 AT 11:54 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 07 N
LONG 117 21 23 W
DRAINAGE AREA, 384 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 440
FEB	---	AUG	3 670
MAR	1 170	SEP	5 110
APR	5 170	OCT	4 780
MAY	6 020	NOV	---
JUN	11 400	DEC	---

TOTAL DISCHARGE, 48 800 dam³

GREGOIRE LAKE NEAR FORT MCMURRAY - STATION NO. 07CE001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	475.308	475.281	475.328	475.587	475.481	475.383	475.328	---	1
2	---	---	---	---	475.308	475.280	475.334	475.558	475.461	475.364	475.333	---	2
3	---	---	---	---	475.306A	475.282	475.385	475.551	475.459	475.352	475.334	---	3
4	---	---	---	---	475.309A	475.288	475.389	475.544	475.455	475.346	475.331	---	4
5	---	---	---	---	475.310	475.270	475.367	475.534	475.458	475.362	475.332A	---	5
6	---	---	---	---	475.317	475.294	475.382	475.526	475.459	475.380	---	---	6
7	---	---	---	---	475.313	475.285	475.429	475.519	475.472	475.351	---	---	7
8	---	---	---	---	475.306	475.286	475.480	475.510	475.481	475.351	---	---	8
9	---	---	---	---	475.301	475.283	475.483	475.505	475.440	475.356	---	---	9
10	---	---	---	---	475.308	475.289A	475.477	475.502	475.431A	475.343	---	---	10
11	---	---	---	475.283A	475.309	475.319A	475.469	475.497	---	475.339	---	---	11
12	---	---	---	475.278E	475.307	475.332	475.467	475.494	---	475.341	---	---	12
13	---	---	---	475.273E	475.315	475.326	475.526	475.489	---	475.341	---	---	13
14	---	---	---	475.268E	475.317	475.327	475.582	475.486	---	475.343	---	---	14
15	---	---	---	475.263E	475.318	475.332	475.589	475.479	---	475.344	---	---	15
16	---	---	---	475.258E	475.314	475.339	475.607	475.470	---	475.338	---	---	16
17	---	---	---	475.254E	475.312	475.343	475.619	475.463	---	475.345	---	---	17
18	---	---	---	475.250A	475.271	475.348	475.632	475.456	---	475.337	---	---	18
19	---	---	---	475.252	475.282	475.341	475.631	475.457	---	475.334	---	---	19
20	---	---	---	475.254	475.276	475.318	475.631	475.457	---	475.337	---	---	20
21	---	---	---	475.258	475.272	475.310	475.634	475.467	---	475.327	---	---	21
22	---	---	---	475.262	475.274	475.288	475.639	475.474	---	475.355	---	---	22
23	---	---	---	475.268	475.280	475.312	475.640	475.485	---	475.330	---	---	23
24	---	---	---	475.270	475.250	475.313	475.626	475.482	---	475.321	---	---	24
25	---	---	---	475.272	475.268	475.293A	475.624	475.481	475.382A	475.315	---	---	25
26	---	---	---	475.276	475.285	475.298E	475.620	475.448	475.376	475.323A	---	---	26
27	---	---	---	475.278	475.270	475.302E	475.606	475.436	475.372	475.319	---	---	27
28	---	---	---	475.281	475.272	475.306E	475.588	475.429	475.372	475.322	---	---	28
29	---	---	---	475.287	475.284	475.308A	475.580	475.422	475.389	475.323	---	---	29
30	---		---	475.288	475.162	475.325	475.589	475.434	475.384	475.325	---	---	30
31	---		---		475.276		475.578	475.483		475.327		---	31
MEAN	---	---	---	---	475.291	475.305	475.531	475.484	---	475.339	---	---	MEAN
MAX	---	---	---	---	475.318	475.348	475.640	475.587	---	475.384	---	---	MAX
MIN	---	---	---	---	475.260	475.260	475.328	475.422	---	475.315	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 475.640 ON JUL 23

MAXIMUM INSTANTANEOUS,
475.712 AT 17:58 MST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 25 30 N
LONG 111 05 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1978

DRAINAGE AREA,
283 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - PEAK WATER LEVEL RESULTED FROM WIND ACTION

CROAT CREEK NEAR WHITECOURT - STATION NO. 07AG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.080B	0.277B	0.478	0.475E	0.288	0.267	0.323	0.394	0.238B	---	1
2	---	---	0.100B	0.267B	0.347	0.480E	0.232	0.316	0.306	0.322	---	---	2
3	---	---	0.105B	0.295B	0.349	0.440E	0.202	0.296	0.291	0.278	---	---	3
4	---	---	0.115B	0.310B	0.494	0.435E	0.177	0.286	0.287	0.264	---	---	4
5	---	---	0.120B	0.320B	0.526	0.480E	0.173	0.303	0.287	0.278	---	---	5
6	---	---	0.125B	0.345B	0.518	0.540E	17.6	0.408	0.282	0.256	---	---	6
7	---	---	0.130B	0.365B	0.484	0.680E	12.4	0.757	0.322	0.242	---	---	7
8	---	---	0.135B	0.370B	0.580	0.760E	3.80	0.485	0.303	0.239	---	---	8
9	---	---	0.140B	0.385B	0.619	1.53 E	2.08	0.418	0.274	0.223	---	---	9
10	---	---	0.142B	0.400B	0.526	1.47 E	1.50	0.472	0.270	0.218	---	---	10
11	---	---	0.145B	0.425B	0.551	1.40 E	1.21	0.444	0.314	0.208	---	---	11
12	---	---	0.146B	0.450B	0.505	1.30 E	2.09	0.393	0.248	0.215	---	---	12
13	---	---	0.145B	0.485B	0.494	1.80 E	2.50	0.341	0.225	0.219	---	---	13
14	---	---	0.150B	0.530B	1.28	1.69 A	1.42	0.322	0.219	0.222	---	---	14
15	---	---	0.160B	0.580B	1.01	1.22	1.04	0.323	0.221	0.253	---	---	15
16	---	---	0.155B	0.680B	0.788	0.877	0.727	0.858	0.278	0.255	---	---	16
17	---	---	0.178B	0.780B	0.850A	0.853	0.518	2.69	0.281	0.228	---	---	17
18	---	---	0.185B	0.820B	0.820E	0.485	0.461	4.74	0.258	0.220	---	---	18
19	---	---	0.200B	0.898	0.585E	0.388	0.434	2.97	0.238	0.223	---	---	19
20	---	---	0.208B	1.08	0.655E	0.315	0.388	3.18	0.272	0.234	---	---	20
21	---	---	0.210B	0.778	0.640E	0.323	0.322	2.32	0.277	0.227	---	---	21
22	---	---	0.215B	0.845	0.525E	0.298	0.282	1.61	0.288	0.235	---	---	22
23	---	---	0.220B	0.923	0.520E	0.280	0.289	1.20	0.248	0.233	---	---	23
24	---	---	0.228B	0.898	0.510E	0.492	0.281	0.884	0.228	0.224	---	---	24
25	---	0.074B	0.232B	0.811	0.495E	0.359	0.244	0.781	0.258	0.202B	---	---	25
26	---	0.077B	0.234B	0.644	0.470E	0.280	0.247	0.857	0.291	0.250B	---	---	26
27	---	0.080B	0.236B	0.518	0.450E	0.278	0.242	0.588	0.313	0.178B	---	---	27
28	---	0.083B	0.240B	0.538	0.440E	0.558	0.284	0.493	0.414	0.179B	---	---	28
29	---	0.088B	0.250B	0.585	0.450E	0.440	0.282	0.453	0.492	0.158B	---	---	29
30	---		0.258B	0.801	0.480E	0.393	0.318	0.400	0.449	0.190B	---	---	30
31	---		0.267B		0.500E		0.333	0.344		0.207B		---	31
TOTAL	---	---	5.487	18.928	17.280	20.777	52.289	30.044	8.734	7.271	---	---	TOTAL
MEAN	---	---	0.178	0.584	0.557	0.693	1.69	0.969	0.291	0.235	---	---	MEAN
MAX	---	---	0.267	1.08	1.28	1.69	17.6	4.74	0.492	0.394	---	---	MAX
MIN	---	---	0.080	0.277	0.347	0.280	0.173	0.267	0.219	0.158	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.848
MAXIMUM DAILY, 17.6 ON JUL 6
MINIMUM DAILY, 0.080B ON MAR 1
MAXIMUM INSTANTANEOUS,
40.2 AT 16:39 MST ON JUL 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 57 N
LONG 115 50 30 W
DRAINAGE AREA, 134 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 4	520
FEB	---	AUG 2	600
MAR	472	SEP	755
APR 1	480	OCT	628
MAY 1	490	NOV	---
JUN 1	800	DEC	---

TOTAL DISCHARGE, 13 700 dam³

GROS VENTRE CREEK NEAR DUNMORE - STATION NO. 05AH037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.5910	0.080	0.002	0	0	0	0	0	---	---	1
2	---	0 B	0.3970	0.154	0.002	0	0	0	0	0	---	---	2
3	---	0 B	0.2960	0.380	0.002	0	0	0	0	0	---	---	3
4	---	0 B	0.2490	0.311	0.002	0	0	0	0	0	---	---	4
5	---	0 B	0.2000	0.136	0.002	0	0	0	0	0	---	---	5
6	---	0 B	0.1300	0.083	0.003	0	0	0	0	0	---	---	6
7	---	0 B	0.0470	0.077	0.003	0	0	0	0	0	---	---	7
8	---	0 B	0.126	0.071	0.002	0	0	0	0	0	---	---	8
9	---	0 B	0.180	0.081	0.002	0	0	0	0	0	---	---	9
10	---	0 B	0.117	0.065	0.002	0	0	0	0	0	---	---	10
11	---	0 B	0.0570	0.045	0.002	0	0	0	0	0	---	---	11
12	---	0 B	0.0488	0.035	0.002	0	0	0	0	0	---	---	12
13	---	0 B	0.0208	0.028	0.002	0	0	0	0	0	---	---	13
14	---	0 B	0.0068	0.022	0.002	0	0	0	0	0	---	---	14
15	---	0 B	0.0268	0.018	0.002	0	0	0	0	0	---	---	15
16	---	0 B	0.0848	0.014	0.002	0	0	0	0	0	---	---	16
17	---	0 B	0.0788	0.008	0.002	0	0	0	0	0	---	---	17
18	---	0 B	0.088	0.008	0.002	0	0	0	0	0	---	---	18
19	---	0.0078	0.110	0.006	0.002	0	0	0	0	0	---	---	19
20	---	0.0268	0.257	0.004	0.002	0	0	0	0	0	---	---	20
21	---	0.0328	0.802	0.004	0.001	0	0	0	0	0	---	---	21
22	---	0.0308	0.845	0.003	0.001	0	0	0	0	0	---	---	22
23	---	0.0168	0.418	0.003	0.001	0	0	0	0	0	---	---	23
24	---	0.0048	0.202	0.003	0.001	0	0	0	0	0	---	---	24
25	---	0.0138	0.133	0.003	0.001	0	0	0	0	0	---	---	25
26	0B	0.0518	0.082	0.003	0.001	0	0	0	0	0	---	---	26
27	0B	0.1528	0.0848	0.003	0.001	0	0	0	0	0	---	---	27
28	0B	0.6028	0.0888	0.003	0.001	0	0	0	0	0	---	---	28
29	0B	0.7388	0.0538	0.002	0.001	0	0	0	0	0	---	---	29
30	0B		0.0488	0.002	0	0	0	0	0	0	---	---	30
31	0B		0.0428		0		0			0A		---	31
TOTAL	---	1.888	5.990	1.804	0.061	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.058	0.193	0.053	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	0.738	0.802	0.380	0.003	0	0	0	0	0	---	---	MAX
MIN	---	0	0.005	0.002	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.034
MAXIMUM DAILY, 0.802 ON MAR 21
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
1.17 AT 08:05 MST ON MAR 22

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 20 N
LONG 110 30 20 W
DRAINAGE AREA, 215 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	144	AUG	0
MAR	516	SEP	0
APR	138	OCT	0
MAY	4.41	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 805 dam³

GULL LAKE AT ASPEN BEACH - STATION NO. 05CC005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	898.899	898.908	898.817	---	898.795	---	---	---	1
2	---	---	---	---	---	---	---	898.805	---	---	898.720	---	2
3	---	---	---	---	---	898.908	898.807	---	898.795	898.795	---	---	3
4	---	---	---	---	898.899	---	---	898.795	---	898.795	---	---	4
5	---	---	---	---	---	898.838	898.807	---	---	898.795	---	---	5
6	---	---	---	---	898.899	---	898.843	898.795	---	898.787	---	---	6
7	---	---	---	---	---	898.848	898.837	---	---	898.795	---	---	7
8	---	---	---	898.899	898.899	898.818	---	898.795	---	---	---	---	8
9	---	---	---	---	---	898.885	898.847	---	898.787	---	---	---	9
10	---	---	---	---	898.899	---	---	898.787	---	---	---	---	10
11	---	---	---	---	---	898.908	898.837	---	898.770	898.795	---	---	11
12	---	---	---	---	898.882	---	---	898.795	---	898.783	---	---	12
13	---	---	---	---	---	898.848	898.847	---	898.770	898.783	---	---	13
14	---	---	---	---	898.889	---	---	898.788	---	898.783	---	---	14
15	---	---	---	---	---	898.838	898.847	---	898.770	---	---	---	15
16	---	---	---	---	898.889	---	898.847	898.795	---	---	---	---	16
17	---	---	---	---	---	898.848	898.847	---	898.775	898.795	---	---	17
18	---	---	---	---	898.888	---	---	898.795	898.770	---	---	---	18
19	---	---	---	---	---	898.848	898.847	---	898.770	898.795	---	---	19
20	---	---	---	---	898.889	---	---	898.808	898.775	---	---	---	20
21	---	---	---	---	---	898.838	898.837	---	898.795	898.783	---	---	21
22	---	---	---	---	898.889	---	---	898.818	898.770	---	---	---	22
23	---	---	898.888	---	---	898.838	898.837	---	---	---	---	---	23
24	---	---	---	---	898.838	---	---	898.821	---	898.783	---	---	24
25	---	898.902	---	---	---	898.838	898.827	---	---	---	---	---	25
26	---	---	---	---	898.828	---	---	898.805	898.775	898.783	---	---	26
27	---	---	---	---	---	898.837	898.828	---	898.770	---	---	---	27
28	---	---	---	---	898.828	---	---	898.805	898.770	---	---	---	28
29	---	---	---	---	---	898.837	898.798	---	898.770	---	---	---	29
30	---		---	---	898.848	---	---	898.785	898.770	---	---	---	30
31	---		---		---		898.808	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 27 28 N
LONG 113 58 03 W

NATURAL FLOW

DRAINAGE AREA,
259 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HANGINGSTONE RIVER AT FORT MCMURRAY - STATION NO. 07CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.241B	0.358B	3.25	1.46	4.48	5.18	5.12	1.58	0.867B	---	1
2	---	---	0.238B	0.348B	3.31	2.17	4.28	4.84	5.80	1.53	0.870B	---	2
3	---	---	0.230B	0.330B	3.26	2.85	4.80	4.04	5.34	1.48	0.860B	---	3
4	---	---	0.238B	0.330B	2.93	2.37	5.77	3.85	4.88	1.45	0.860B	---	4
5	---	---	0.240B	0.325B	2.87	2.33	10.1	2.84	4.08	1.43	0.817B	---	5
6	---	---	0.248B	0.318B	2.83	2.37	15.8 A	2.45	3.85	1.43	---	---	6
7	---	---	0.260B	0.400B	2.85	2.70	84.1	2.26	3.18	1.42	---	---	7
8	---	---	0.270B	0.800B	2.90	2.81	83.0	2.13	2.88	1.40	---	---	8
9	---	---	0.270B	1.00 B	2.85	2.80	75.8	2.18	2.58	1.38	---	---	9
10	---	---	0.285B	1.38 B	2.70	2.82	84.7	2.01	2.38	1.37	---	---	10
11	---	---	0.280B	1.28 B	2.72	3.83	51.8	2.00	2.14	1.58	---	---	11
12	---	---	0.280B	1.20 B	2.84	8.22	38.8	2.17	1.88	1.37	---	---	12
13	---	---	0.280B	1.22 B	2.46	16.0 A	32.9	2.11	1.88	1.31	---	---	13
14	---	---	0.255B	1.40 B	2.38	18.0 A	50.1	2.08	1.78	1.31	---	---	14
15	---	---	0.245B	1.50 B	2.26	16.5	60.1	1.92	1.88	1.35	---	---	15
16	---	---	0.240B	1.40 B	2.26	13.5	51.0	1.75	1.84	1.35	---	---	16
17	---	---	0.240B	1.35 B	2.18	10.7	41.0	1.88	1.67	1.38	---	---	17
18	---	---	0.235B	1.20 B	2.08	8.87A	31.1	1.80	1.54	1.38	---	---	18
19	---	---	0.235B	1.10 B	1.87	7.41A	23.3	1.67	1.52	1.38	---	---	19
20	---	---	0.232B	1.03 B	1.91	6.40	17.7	1.88	1.50	1.37	---	---	20
21	---	---	0.238B	0.860B	1.78	5.83	14.5 A	1.78	1.43	1.36 B	---	---	21
22	---	---	0.262B	0.870B	1.88	4.97	13.3 A	2.01	1.42	1.24 B	---	---	22
23	---	---	0.245B	0.860B	1.59	4.25	13.5 A	2.88	1.46	1.11 B	---	---	23
24	---	---	0.242B	1.00 B	1.48	3.78	12.8 A	2.53	1.48	1.04 B	---	---	24
25	---	---	0.240B	1.18 B	1.43	3.36	15.8 A	2.18	1.81	0.849B	---	---	25
26	---	---	0.235B	1.88 B	1.38	2.88	13.4	1.87	1.43	0.809B	---	---	26
27	---	---	0.230B	2.33 B	1.38	2.84	10.3	1.84	1.43	0.758B	---	---	27
28	---	---	0.230B	2.52	1.30	3.07	8.58	1.73	1.51	0.822B	---	---	28
29	---	---	0.231B	2.57	1.23	4.16	7.21	1.84	1.81	0.672B	---	---	29
30	---		0.235B	2.78	1.24	4.87	6.22	1.88	1.81	0.685B	---	---	30
31	---		0.240B		1.38		5.63	3.11		0.589B	---	---	31
TOTAL	---	---	7.573	35.250	67.73	172.01	678.77	73.03	71.82	37.749	---	---	TOTAL
MEAN	---	---	0.244	1.18	2.18	5.73	28.3	2.36	2.39	1.22	---	---	MEAN
MAX	---	---	0.270	2.78	3.31	18.0	84.1	5.18	5.80	1.58	---	---	MAX
MIN	---	---	0.230	0.318	1.23	1.46	4.28	1.80	1.42	0.585	---	---	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 84.1 ON JUL 7

MAXIMUM INSTANTANEOUS,
114 AT 17:27 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 42 18 N
LONG 111 21 20 W
DRAINAGE AREA, 959 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	75 900
FEB	---	AUG	6 310
MAR	854	SEP	6 180
APR	3 050	OCT	3 280
MAY	5 850	NOV	---
JUN	14 900	DEC	---

HARTLEY CREEK NEAR FORT MACKAY - STATION NO. 07DA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.030B	0.022B	5.68	3.02	2.76	1.85	3.18	2.33	0.849B	---	1
2	---	---	0.030B	0.029B	5.82	3.34	2.65	1.82	3.46	2.28	---	---	2
3	---	---	0.030B	0.026B	5.67	3.83	2.46	1.85	3.62	2.26	---	---	3
4	---	---	0.030B	0.038B	5.89	3.60	2.25	1.44	3.78	2.24	---	---	4
5	---	---	0.030B	0.050B	5.86	3.49	2.11	1.24	3.83	2.24	---	---	5
6	---	---	0.030B	0.051B	5.78	3.42	2.53	1.04	3.74	2.24	---	---	6
7	---	---	0.030B	0.049B	5.68	3.43	4.18	0.884	3.61	2.24	---	---	7
8	---	---	0.030B	0.048B	5.53	3.44	5.84	0.808	3.81	2.24	---	---	8
9	---	---	0.030B	0.048B	5.37	3.37	6.58	0.744	3.32	2.20	---	---	9
10	---	---	0.030B	0.058B	5.17	3.25	7.02	0.728	3.11	2.18	---	---	10
11	---	---	0.030B	0.070B	5.01	3.28	6.87	0.718	2.94	2.12	---	---	11
12	---	---	0.030B	0.081B	4.90	4.85	6.66	0.872	2.81	2.08	---	---	12
13	---	---	0.030B	0.093B	4.74	6.38	6.31	0.874	2.88	2.08	---	---	13
14	---	---	0.027B	0.121B	4.57	7.20	6.76	0.827	2.83	2.08	---	---	14
15	---	---	0.025B	0.377B	4.35	7.32	7.30	0.788	2.80	2.05	---	---	15
16	---	---	0.022B	1.58 B	4.18	6.97	7.34	0.831	3.39	2.05	---	---	16
17	---	---	0.017B	1.87 B	4.05	6.41	6.95	0.886	3.38	2.04	---	---	17
18	---	---	0.017B	2.05 B	3.97	5.86	6.46	0.890	3.17	2.04	---	---	18
19	---	---	0.016B	2.31 B	3.82	5.34	5.92	1.10	2.89	2.04	---	---	19
20	---	---	0.018B	2.80 B	3.68	4.74	5.31	1.27	2.83	2.04	---	---	20
21	---	---	0.022B	2.77 B	3.56	4.21	4.80	1.32	2.73	2.04	---	---	21
22	---	---	0.022B	3.28 B	3.36	3.77	4.27	1.48	2.66	1.86 B	---	---	22
23	---	---	0.024B	3.87 B	3.19	3.48	3.86	1.86	2.62	1.60 B	---	---	23
24	---	---	0.023B	4.22 B	3.04	3.12	3.58	1.61	2.56	1.36 B	---	---	24
25	---	---	0.018B	4.43 B	2.88	2.80	3.30	1.49	2.48	1.33 B	---	---	25
26	---	---	0.018B	4.71 B	2.70	2.50	3.04	1.50	2.42	1.28 B	---	---	26
27	---	---	0.018B	4.79	2.53	2.26	2.74	1.48	2.38	1.12 B	---	---	27
28	---	---	0.010B	4.89	2.42	2.12	2.44	1.48	2.35	0.770B	---	---	28
29	---	---	0.008B	5.21	2.30	2.26	2.26	1.48	2.38	0.780B	---	---	29
30	---		0.007B	5.49	2.22	2.84	2.12	1.48	2.38	0.780B	---	---	30
31	---		0.010B		2.48		2.01	2.50		0.820B		---	31
TOTAL	---	---	0.705	55.450	130.80	121.67	138.82	38.088	89.82	58.830	---	---	TOTAL
MEAN	---	---	0.023	1.85	4.21	4.05	4.47	1.23	2.99	1.83	---	---	MEAN
MAX	---	---	0.030	5.49	5.89	7.32	7.34	2.50	3.83	2.33	---	---	MAX
MIN	---	---	0.007	0.022	2.22	2.12	2.01	0.827	2.35	0.770	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.59
MAXIMUM DAILY, 7.34 ON JUL 16
MINIMUM DAILY, 0.0078 ON MAR 30
MAXIMUM INSTANTANEOUS,
7.46 AT 21:00 MST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 15 34 N
LONG 111 27 53 W
DRAINAGE AREA, 358 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12 000
FEB	---	AUG	3 290
MAR	81.2	SEP	7 740
APR	4 750	OCT	4 810
MAY	11 300	NOV	---
JUN	10 500	DEC	---

TOTAL DISCHARGE, 64 800 dam³

REMARKS - A SLIGHTLY SMALLER (7.44 CMS) PEAK FLOW WAS RECORDED ON JUL 16

HASTINGS LAKE NEAR DEVILLE - STATION NO. 05EB011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	736.211	736.123	736.178	736.226	736.208	736.182	736.118E	---	1
2	---	---	---	---	736.208	736.118	736.173	736.234	736.204	736.180	736.118	---	2
3	---	---	---	---	736.206	736.118	736.171	736.230	736.202	736.186	---	---	3
4	---	---	---	---	736.201	736.111	736.166	736.226	736.198	736.184	---	---	4
5	---	---	---	---	736.201	736.143	736.161	736.222	736.196	736.182	---	---	5
6	---	---	---	736.231	736.201	736.141	736.206	736.226	736.192	736.180	---	---	6
7	---	---	---	---	736.198	736.138	736.216	736.236	736.188	736.180	---	---	7
8	---	---	---	---	736.197	736.136	736.222	736.234	736.182	736.148	---	---	8
9	---	---	---	---	736.193	736.193	736.220	736.230	736.178	736.148	---	---	9
10	---	---	---	---	736.193	736.188	736.218	736.226	736.186	736.148	---	---	10
11	---	---	---	---	736.191	736.188	736.214	736.224	736.186	736.146	---	---	11
12	---	---	---	---	736.191	736.198	736.222	736.222	736.181	736.146	---	---	12
13	---	---	---	---	736.187	736.196	736.266	736.220	736.177	736.146	---	---	13
14	---	---	---	---	736.181	736.192	736.260	736.214	736.176	736.144	---	---	14
15	---	---	---	---	736.177	736.190	736.276	736.219	736.176	736.144	---	---	15
16	---	---	---	---	736.173	736.186	736.276	736.215	736.176	736.144	---	---	16
17	---	---	---	---	736.188	736.186	736.276	736.216	736.186	736.142	---	---	17
18	---	---	---	---	736.186	736.184	736.276	736.221	736.186	736.136	---	---	18
19	---	---	---	---	736.182	736.180	736.276	736.217	736.177	736.138	---	---	19
20	---	---	---	---	736.180	736.174	736.276	736.217	736.181	736.134	---	---	20
21	---	---	---	---	736.188	736.188	736.273	736.242	736.177	736.132	---	---	21
22	---	---	736.189	---	736.184	736.184	736.271	736.243	736.174	736.132	---	---	22
23	---	---	---	---	736.148	736.184	736.267	736.238	736.170	736.128	---	---	23
24	---	---	---	---	736.142	736.184	736.261	736.237	736.168	736.126	---	---	24
25	---	736.194	---	---	736.140	736.181	736.259	736.236	736.166	736.126	---	---	25
26	---	---	---	736.218	736.136	736.173	736.256	736.233	736.170	736.124	---	---	26
27	---	---	---	---	736.130	736.173	736.251	736.229	736.170	736.120	---	---	27
28	---	---	---	---	736.126	736.177	736.246	736.226	736.168	736.118	---	---	28
29	---	---	---	---	736.122	736.181	736.241	736.224	736.166	736.118	---	---	29
30	---		---	---	736.120	736.186	736.237	736.220	736.164	736.118	---	---	30
31	---		---		736.126		736.231	736.214		736.118		---	31
MEAN	---	---	---	---	736.170	736.166	736.236	736.226	736.181	736.138	---	---	MEAN
MAX	---	---	---	---	736.211	736.196	736.276	736.243	736.208	736.182	---	---	MAX
MIN	---	---	---	---	736.120	736.111	736.161	736.214	736.164	736.118	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 25 30 N
LONG 112 54 02 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 278 km²

MAY RIVER NEAR MEANDER RIVER - STATION NO. 07CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.478	2.778	201	216	301	239	182	112	83.2B	---	1
2	---	---	2.458	2.688	206	219	401	231	187	111	---	---	2
3	---	---	2.478	2.628	212	250	441	223	183	110	---	---	3
4	---	---	2.458	2.648	224	309	486	218	148	108	---	---	4
5	---	---	2.488	2.648	237	324	577	216	148	108	---	---	5
6	---	---	2.378	2.648	241	305	884	214	143	107	---	---	6
7	---	---	2.388	2.828	239	277	884	208	141	106	---	---	7
8	---	---	2.388	2.648	237	253	814	204	139	105	---	---	8
9	---	---	2.348	2.688	241	238	648	201	137	104	---	---	9
10	---	---	2.328	2.938	249	256	488	198	136	103	---	---	10
11	---	---	2.288	3.148	256	302	443	195	134	103	---	---	11
12	---	---	2.268	3.238	261	322	410	190	132	102	---	---	12
13	---	---	2.258	3.308	260	341	377	188	130	102	---	---	13
14	---	---	2.258	3.708	255	348	348	188	128	101	---	---	14
15	---	---	2.238	4.938	249	348	331	187	127	100	---	---	15
16	---	---	2.209	6.378	247	341	321	186	125	98.3	---	---	16
17	---	---	2.188	14.1 B	244	335	334	184	124	98.2	---	---	17
18	---	---	2.188	27.1 B	238	321	406	182	123	97.7	---	---	18
19	---	---	2.188	34.2 B	233	299	452	182	122	97.8	---	---	19
20	---	---	2.188	35.4 B	234	276	483	183	121	97.4	---	---	20
21	---	---	2.188	37.6 B	250	254	448	185	120	97.2B	---	---	21
22	---	---	2.188	80.1 B	257	237	423	183	120	97.1B	---	---	22
23	---	2.578	2.188	100 B	253	223	402	180	118	88.4B	---	---	23
24	---	2.578	2.198	170 B	247	212	380	178	118	82.1B	---	---	24
25	---	2.558	2.248	200 B	238	203	361	177	117	82.0B	---	---	25
26	---	2.588	2.288	205 B	228	194	322	174	116	80.1B	---	---	26
27	---	2.538	2.318	189	217	187	296	171	115	84.2B	---	---	27
28	---	2.538	2.398	191	209	182	281	168	115	81.2B	---	---	28
29	---	2.488	2.488	190	207	178	267	167	113	80.1B	---	---	29
30	---		2.578	193	208	198	254	166	113	82.9B	---	---	30
31	---		2.888		214		248	163		88.9B		---	31
TOTAL	---	---	71.88	1 709.88	7 286	7 953	12 711	5 930	3 895	3 016.0	---	---	TOTAL
MEAN	---	---	2.32	57.0	235	265	410	191	130	97.3	---	---	MEAN
MAX	---	---	2.88	205	261	349	888	238	182	112	---	---	MAX
MIN	---	---	2.18	2.77	201	178	248	163	113	80.1	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 174
MAXIMUM DAILY, 888 ON JUL 7
MINIMUM DAILY, 2.188 ON MAR 19
MAXIMUM INSTANTANEOUS,
888 AT 21:00 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 08 58 N
LONG 117 38 03 W
DRAINAGE AREA, 38 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 100 000
FEB	---	AUG	512 000
MAR	6 210	SEP	337 000
APR	148 000	OCT	261 000
MAY	630 000	NOV	---
JUN	687 000	DEC	---

TOTAL DISCHARGE, 3 880 000 dam³

HAYNES CREEK NEAR HAYNES - STATION NO. 05CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0	0	0.028	0	0.002	0A	---	1
2	---	---	0B	0 B	0	0	0	0.008	0.018	0.001	---	---	2
3	---	---	0B	0 B	0	0	0	0.008	0.008	0.001	---	---	3
4	---	---	0B	0.001B	0	0	0	0.013	0.002	0	---	---	4
5	---	---	0B	0.001A	0	0	0	0.017	0.001	0	---	---	5
6	---	---	0B	0.002	0	0.001	0.008	0.014	0	0	---	---	6
7	---	---	0B	0.008	0	0.001	0.011	0.011	0	0.008	---	---	7
8	---	---	0B	0.004	0	0.002	0.011	0.028	0	0.048	---	---	8
9	---	---	0B	0.002	0	0.027	0.018	0.028	0	0.008	---	---	9
10	---	---	0B	0.002	0.001	0.008	0.020	0.018	0	0.001	---	---	10
11	---	---	0B	0.001	0.001	0.002	0.018	0.004	0	0	---	---	11
12	---	---	0B	0.001	0.001	0	0.024	0.001	0	0	---	---	12
13	---	---	0B	0.001	0.001	0	0.030	0.001	0	0	---	---	13
14	---	---	0B	0.001	0.001	0	0.058	0.001	0	0	---	---	14
15	---	---	0B	0.001	0.001	0	0.077	0.002	0	0	---	---	15
16	---	---	0B	0.001	0.001	0	0.074	0.012	0.002	0	---	---	16
17	---	---	0B	0.001	0.001	0	0.089	0.003	0.005	0	---	---	17
18	---	---	0B	0.001	0.001	0	0.084	0.003	0.004	0	---	---	18
19	---	---	0B	0.001	0.001	0	0.058	0.009	0.008	0	---	---	19
20	---	---	0B	0.001	0.001	0	0.052	0.010	0.008	0	---	---	20
21	---	---	0B	0	0.001	0	0.051	0.011	0.007	0	---	---	21
22	---	---	0B	0	0.001	0	0.053	0.008	0.004	0	---	---	22
23	---	---	0B	0	0	0	0.048	0.005	0.002	0	---	---	23
24	---	0B	0B	0	0	0	0.058	0.003	0.002	0	---	---	24
25	---	0B	0B	0	0	0	0.048	0.026	0.002	0	---	---	25
26	---	0B	0B	0	0	0	0.039	0.014	0.002	0	---	---	26
27	---	0B	0B	0	0	0	0.040	0.002	0.011	0	---	---	27
28	---	0B	0B	0	0	0	0.077	0.001	0.104	0	---	---	28
29	---	0B	0B	0	0	0	0.118	0	0.045	0	---	---	29
30	---		0B	0	0	0	0.078	0	0.019	0	---	---	30
31	---		0B		0		0.041	0		0		---	31
TOTAL	---	---	0	0.026	0.013	0.041	1.278	0.284	0.260	0.072	---	---	TOTAL
MEAN	---	---	0	0.001	0	0.001	0.041	0.009	0.008	0.002	---	---	MEAN
MAX	---	---	0	0.008	0.001	0.027	0.118	0.028	0.104	0.048	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.118 ON JUL 29
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 55 N
LONG 113 21 40 W
DRAINAGE AREA, 189 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	110
FEB	---	AUG	24.5
MAR	0	SEP	21.5
APR	2.42	OCT	8.22
MAY	1.12	NOV	---
JUN	3.54	DEC	---

TOTAL DISCHARGE, 189 dam³

HEART RIVER NEAR NAMPA - STATION NO. 07HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1585	0.1378	0.2498	0.8905	1.80	2.82	4.24	1.67	0.047	0.245	0.2788	0.3178	1
2	0.2048	0.1348	0.2498	1.13 B	1.81	2.67	5.09	1.38	0.048	0.243	0.3068	0.3128	2
3	0.2048	0.1378	0.2388	1.96 B	1.87	2.52	9.81	1.18	0.040	0.221	0.3068	0.3008	3
4	0.1678	0.1378	0.2618	2.18 B	1.81	2.81	11.1	1.08	0.047	0.332	0.2978	0.2838	4
5	0.1848	0.1418	0.2618	2.30 B	1.84	2.20	13.0	0.982	0.068	0.325	0.2978	0.2838	5
6	0.1788	0.1418	0.2728	1.97 B	1.43	2.27	15.5	0.824	0.053	0.319	0.3068	0.2618	6
7	0.1678	0.1418	0.2558	1.63 B	1.34	2.87	20.3	0.905	0.030	0.373	0.3008	0.2388	7
8	0.1788	0.1418	0.2788	1.78 B	1.27	3.07	30.8	0.785	0.018	0.367	0.3358	0.2328	8
9	0.1788	0.1488	0.3238	1.78 B	1.28	5.23	31.5	0.546	0.014	0.407	0.3238	0.2448	9
10	0.1788	0.1528	0.3888	2.02 B	1.38	18.5	27.9	0.484	0.012	0.424	0.3118	0.2618	10
11	0.1788	0.1418	0.3888	2.16 B	1.20	22.4	24.9	0.492	0.012	0.458	0.3038	0.2568	11
12	0.1788	0.1588	0.3768	2.08 B	1.07	23.8	23.2	0.571	0.012	0.349	0.2858	0.2538	12
13	0.1618	0.1788	0.3888	2.02 B	1.26	24.0	35.2	0.548	0.013	0.450	0.3028	0.2388	13
14	0.1618	0.1618	0.4208	1.88 B	1.81	19.3	44.1	0.471	0.013	0.449	0.3068	0.2228	14
15	0.1708	0.2108	0.4138	2.14 B	2.41	18.7	38.4	0.405	0.014	0.489	0.3218	0.2308	15
16	0.1618	0.2278	0.4278	2.34 B	5.38	16.2	33.4	0.272	0.014	0.480	0.3268	0.2388	16
17	0.1618	0.2448	0.4488	2.72 B	7.75	15.0	26.0	0.315	0.049	0.473	0.3388	0.2318	17
18	0.1768	0.2328	0.4018	3.45	8.14	14.1	19.8	0.326	0.036	0.439	0.3348	0.2218	18
19	0.1618	0.2048	0.3308	3.25	7.80	12.1	15.8	0.316	0.014	0.418	0.3208	0.2188	19
20	0.1938	0.2278	0.3728	3.02	8.86	10.1	13.1	0.271	0.021	0.470	0.3198	0.1938	20
21	0.1938	0.2448	0.3378	3.28	8.00	8.40	10.8	0.280	0.028	0.483	0.3188	0.1728	21
22	0.2108	0.2448	0.3888	4.50	5.58	8.88	8.88	0.304	0.044	0.480	0.3408	0.1628	22
23	0.2218	0.2448	0.5308	3.82	4.78	8.73	7.03	0.318	0.053	0.4388	0.3428	0.1628	23
24	0.2188	0.2388	0.5988	3.14	4.03	4.60	6.07	0.276	0.057	0.4138	0.3388	0.1598	24
25	0.2188	0.2328	0.6708	2.82	3.81	3.76	6.10	0.276	0.288	0.3848	0.3318	0.1418	25
26	0.2188	0.2328	0.8128	2.68	4.18	3.08	5.11	0.183	0.230	0.3818	0.3128	0.1448	26
27	0.2048	0.2448	0.8778	2.31	4.02	2.48	4.30	0.170	0.184	0.3008	0.3008	0.1418	27
28	0.1988	0.2788	0.9308	1.88	3.88	2.08	3.47	0.267	0.188	0.2448	0.2888	0.1448	28
29	0.1938	0.2618	0.7988	1.83	3.48	2.01	2.88	0.212	0.230	0.2858	0.3008	0.1488	29
30	0.1868		0.8538	1.88	3.44	2.33	2.37	0.136	0.227	0.2448	0.3068	0.1528	30
31	0.1378		0.7248		3.36		1.89	0.070		0.2888		0.1418	31
TOTAL	5.845	5.827	14.018	70.880	108.58	282.87	505.44	16.292	2.057	11.888	9.404	8.890	TOTAL
MEAN	0.188	0.194	0.452	2.37	3.44	8.76	16.3	0.526	0.068	0.378	0.313	0.218	MEAN
MAX	0.221	0.278	0.930	4.50	8.14	24.0	44.1	1.67	0.288	0.488	0.342	0.317	MAX
MIN	0.137	0.134	0.238	0.880	1.07	2.01	1.89	0.070	0.012	0.221	0.278	0.141	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 44.1 ON JUL 14
MINIMUM DAILY, 0.012 ON SEP 10
MAXIMUM INSTANTANEOUS,
44.7 AT 07:00 MST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 20 N
LONG 117 07 42 W
DRAINAGE AREA, 1 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	605	JUL	43 700
FEB	488	AUG	1 410
MAR	1 210	SEP	178
APR	5 130	OCT	1 010
MAY	9 210	NOV	813
JUN	22 790	DEC	576

TOTAL DISCHARGE, 87 900 dam³

HIGHWOOD DIVERSION CANAL NEAR HEADGATES - STATION NO. 05BL025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	1.13	1.34	1.28	0.831	0.884	0.494	0	---	1
2	---	---	---	0	1.12	1.32	1.28	1.63	0.881	0.502	---	---	2
3	---	---	---	0	1.11	1.31	1.28	1.73	0.887	0.501	---	---	3
4	---	---	---	0	1.11	1.31	1.34	1.72	0.878	0.502	---	---	4
5	---	---	---	0	1.11	1.32	1.37	1.65	0.882	0.508	---	---	5
6	---	---	---	0	1.11	1.32	1.38	1.30	0.847	0.507	---	---	6
7	---	---	---	0	1.12	1.33	1.37	1.26	0.837	0.504	---	---	7
8	---	---	---	0	1.12	1.30	1.38	1.25	0.820	0.506	---	---	8
9	---	---	---	0	1.12	1.24	1.38	1.23	0.813	0.508	---	---	9
10	---	---	---	0	1.13	1.24	1.38	1.15	0.802	0.511	---	---	10
11	---	---	---	0	1.15	1.25	1.38	0.990	0.807	0.523	---	---	11
12	---	---	---	0	1.15	1.26	1.57	1.00	0.886	0.522	---	---	12
13	---	---	---	0	1.17	1.26	1.79	0.892	0.863	0.513	---	---	13
14	---	---	---	0	1.17	1.27	1.72	0.884	0.863	0.518	---	---	14
15	---	---	---	0	1.15	1.28	1.62	0.878	0.891	0.512	---	---	15
16	---	---	---	0	1.14	1.30	1.57	0.876	0.887	0.508	---	---	16
17	---	---	---	0	1.14	1.29	1.49	0.868	0.903	0.243	---	---	17
18	---	---	---	0	1.13	1.29	1.46	0.868	0.810	0	---	---	18
19	---	---	---	0	1.12	1.28	1.42	0.861	0.818	0	---	---	19
20	---	---	---	0.298	1.13	1.28	1.35	0.884	0.483	0	---	---	20
21	---	---	---	0.780	1.13	1.29	1.18	0.884	0.423	0	---	---	21
22	---	---	---	1.09	1.12	1.28	1.17	0.853	0.466	0	---	---	22
23	---	---	---	1.10	1.14	1.28	1.17	0.883	0.483	0	---	---	23
24	---	---	---	1.10	1.20	1.29	1.09	0.713	0.481	0	---	---	24
25	---	---	---	1.10	1.25	1.29	1.06	0.715	0.478	0	---	---	25
26	---	---	---	1.10	1.25	1.30	1.05	0.710	0.476	0	---	---	26
27	---	---	---	1.09	1.25	1.31	0.833	0.706	0.474	0	---	---	27
28	---	---	---	1.10	1.27	1.31	0.851	0.701	0.483	0	---	---	28
29	---	---	---	1.12	1.31	1.31	0.847	0.703	0.487	0	---	---	29
30	---		---	1.13	1.30	1.30	0.843	0.704	0.490	0	---	---	30
31	---		0		1.34		0.841	0.889		0		---	31
TOTAL	---	---	---	11.018	38.19	38.75	38.985	31.880	17.181	8.383	---	---	TOTAL
MEAN	---	---	---	0.367	1.17	1.29	1.26	1.03	0.572	0.270	---	---	MEAN
MAX	---	---	---	1.13	1.34	1.34	1.79	1.73	0.884	0.523	---	---	MAX
MIN	---	---	---	0	1.11	1.24	0.841	0.889	0.423	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.883
MAXIMUM DAILY, 1.79 ON JUL 13
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 33 08 N
LONG 113 59 20 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 370
FEB	---	AUG	2 760
MAR	---	SEP	1 480
APR	852	OCT	724
MAY	3 130	NOV	---
JUN	3 360	DEC	---

TOTAL DISCHARGE, 15 800 dam³

HIGHWOOD RIVER AT DIEBEL'S RANCH - STATION NO. 05BL018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.52	1.52	5.68	22.3	8.78	6.04	3.28	3.51	---	---	1
2	---	---	1.51	1.57	5.12	20.1	9.21	6.38	3.20	3.85	---	---	2
3	---	---	1.53	1.58	4.94	19.5	9.54	6.58	3.13	3.68	---	---	3
4	---	---	1.52	1.568	5.10	21.3	9.01	9.03	3.07	3.88	---	---	4
5	---	---	1.50	1.568	5.35	24.4	8.62	8.44	3.08	3.84	---	---	5
6	---	---	1.48	1.58	5.95	28.8	10.3	8.14	3.03	3.83	---	---	6
7	---	---	1.508	1.60	8.23	33.8	8.12	7.68	3.18	3.57	---	---	7
8	---	---	1.50	1.588	7.02	47.2	8.33	6.80	3.17	3.49	---	---	8
9	---	---	1.53	1.568	6.88	40.5	7.87	6.13	3.11	3.44	---	---	9
10	---	---	1.52	1.57	12.7	34.6	7.84	5.78	3.15	3.38	---	---	10
11	---	---	1.568	1.58	18.8	31.1	7.68	6.20	3.19	3.34	---	---	11
12	---	---	1.568	1.63	21.0	27.0	7.36	6.12	3.08	3.32	---	---	12
13	---	---	1.50	1.62	28.0	24.1	6.82	5.60	3.00	3.28	---	---	13
14	---	---	1.568	2.11	24.8	21.9	6.62	5.17	2.98	3.24	---	---	14
15	---	---	1.568	2.63	20.8	20.7	6.40	4.84	2.90	3.34	---	---	15
16	---	---	1.568	3.68	20.6	20.7	6.12	4.80	2.81	3.80	---	---	16
17	---	---	1.578	4.67	24.0	21.0	5.87	4.62	3.12	3.80	---	---	17
18	---	1.528	1.558	5.26	21.0	20.7	5.72	4.74	3.08	3.32	---	---	18
19	---	1.528	1.53	7.14	18.3	18.8	5.45	4.75	3.07	3.27	---	---	19
20	---	1.58	1.54	8.22	17.3	17.2	5.14	4.88	3.14	3.21	---	---	20
21	---	1.52	1.58	5.45	16.3	16.4	4.85	4.88	3.08	3.17	---	---	21
22	---	1.518	1.64	4.84	17.8	15.3	4.87	4.45	3.02	3.25	---	---	22
23	---	1.508	1.62	4.58	22.8	14.4	4.80	4.21	3.00	3.19	---	---	23
24	---	1.508	1.53	4.88	25.2	13.8	4.44	4.01	3.15	3.14	---	---	24
25	---	1.52	1.50	4.35	21.1	12.7	4.31	3.88	3.17	3.05	---	---	25
26	---	1.50	1.52	3.88	20.8	12.0	4.18	3.81	3.52	3.15	---	---	26
27	---	1.52	1.53	4.10	20.8	11.8	4.08	3.74	3.35	3.02	---	---	27
28	---	1.51	1.48	4.52	19.4	11.8	4.03	3.59	3.32	2.84	---	---	28
29	---	1.50	1.48	5.02	20.1	11.3	3.93	3.47	3.22	2.738	---	---	29
30	---		1.518	6.28	20.2	10.7	3.77	3.40	3.28	2.84	---	---	30
31	---		1.48		24.8		3.76	3.38		2.81A		---	31
TOTAL	---	---	47.24	102.59	505.85	643.2	200.28	170.80	93.82	102.14	---	---	TOTAL
MEAN	---	---	1.52	3.42	16.3	21.4	6.46	5.50	3.13	3.29	---	---	MEAN
MAX	---	---	1.58	7.14	28.0	47.2	10.3	6.44	3.52	3.86	---	---	MAX
MIN	---	---	1.48	1.52	4.84	10.7	3.76	3.38	2.90	2.81	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.82
MAXIMUM DAILY, 47.2 ON JUN 8
MINIMUM DAILY, 1.48 ON MAR 31
MAXIMUM INSTANTANEOUS,
53.3 AT 04:31 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 20 N
LONG 114 28 50 W
DRAINAGE AREA, 774 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17 300
FEB	---	AUG	14 700
MAR	4 080	SEP	8 110
APR	8 880	OCT	8 830
MAY	43 700	NOV	---
JUN	55 600	DEC	---

TOTAL DISCHARGE, 181 000 dam³

HIGHWOOD RIVER BELOW LITTLE BOW CANAL - STATION NO. 05BL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800B	0.880B	0.880B	2.378	4.82	19.9	8.83	2.94	1.98	2.83	2.71	1.408	1
2	0.749B	0.840B	0.830B	2.878	4.20	17.4	8.80	6.48	1.89	2.74	2.56	1.838	2
3	0.782B	0.800B	0.810B	3.048	3.78	15.8	8.85	8.74	1.89	2.86	2.83	1.808	3
4	0.934B	0.820B	0.783B	2.828	3.90	15.8	8.82	8.41	1.83	2.86	2.82	1.808	4
5	0.890B	0.840B	0.730B	2.618	4.36	19.3	8.74	8.17	1.78	2.80	2.84	1.788	5
6	0.788B	0.870B	0.704B	2.838	5.07	21.7	8.87	8.28	1.81	2.74	2.83	1.808	6
7	0.881B	0.700B	0.677B	2.78	8.38	27.4	8.08	8.31	1.83	2.75	2.88	1.458	7
8	0.732B	0.720B	1.17 B	2.22	8.48	43.3	4.78	4.88	1.89	2.83	2.518	1.208	8
9	0.873B	0.800B	1.30 B	1.84	7.51	43.4	4.03	3.96	1.88	2.78	2.538	1.308	9
10	0.492B	0.770B	1.44 B	2.15	9.94	38.2	3.74	3.58	1.90	2.72	2.168	1.408	10
11	0.650B	0.753B	1.40 B	2.37	13.8	31.6	3.81	4.00	2.06	2.86	2.008	1.558	11
12	0.500B	0.720B	1.37 B	3.42	17.2	27.0	3.28	5.22	1.85	2.89	1.888	1.888	12
13	0.800B	0.880B	1.35 B	3.43	22.1	23.6	2.74	4.60	1.78	2.46	1.708	1.858	13
14	0.782B	0.840B	1.30 B	3.80	23.8	20.8	2.48	3.82	1.80	2.38	1.808	1.808	14
15	0.889B	0.820B	1.30 B	2.69	20.0	18.8	2.47	3.44	1.71	2.28	1.908	1.858	15
16	0.840B	0.880B	1.28 B	2.94	17.9	17.7	2.37	3.27	1.72	2.43	1.808	1.808	16
17	1.00 B	0.887B	1.40 B	3.92	18.8	17.8	2.32	3.09	1.81	2.80	1.708	1.858	17
18	0.910B	0.823B	1.50 B	8.17	19.4	17.7	2.31	3.13	1.90	3.05	1.808	1.808	18
19	0.850B	0.810B	1.60 B	8.56	18.8	18.4	2.25	3.00	1.86	2.85	1.858	1.808	19
20	0.780B	0.850B	2.00 B	8.62	14.8	14.7	2.27	3.30	2.28	2.78	1.688	1.808	20
21	0.770B	0.800B	2.50 B	5.38	13.8	13.5	2.44	3.60	2.22	2.68	1.728	1.388	21
22	0.880B	0.900B	2.50 B	4.18	13.7	12.8	2.17	3.19	2.08	2.87	1.648	1.208	22
23	0.840B	0.900B	2.50 B	3.69	16.3	11.7	2.14	3.24	2.12	2.74	1.588	1.108	23
24	0.840B	0.800B	2.71 B	3.53	20.8	10.8	2.09	3.30	2.31	2.87	1.478	1.058	24
25	0.900B	0.700B	2.37 B	3.81	19.0	9.70	2.02	3.04	2.48	2.81	1.328	1.008	25
26	0.850B	0.700B	2.26 B	3.04	16.6	8.78	2.01	3.91	2.82	2.808	1.208	1.008	26
27	0.794B	0.800B	2.26 B	2.78	16.4	8.20	2.06	2.60	2.78	3.408	1.328	1.058	27
28	0.810B	0.840B	2.10 B	2.86	15.7	7.98	2.12	2.72	2.88	2.308	1.458	1.108	28
29	0.820B	0.800B	2.00 B	3.57	15.6	8.24	2.06	2.61	2.82	2.408	1.558	1.158	29
30	0.760B		1.90 B	4.68	16.4	7.66	2.06	2.21	2.48	2.508	1.708	1.208	30
31	0.720B		1.81 B		19.2		2.10	2.06		2.608		1.208	31
TOTAL	23.835	21.823	48.644	100.90	425.32	585.85	103.96	118.10	61.84	82.03	57.68	44.32	TOTAL
MEAN	0.772	0.753	1.58	3.36	13.7	19.9	3.35	3.81	2.06	2.85	1.82	1.43	MEAN
MAX	1.00	0.880	2.71	8.62	23.8	43.4	8.87	6.28	2.78	3.05	2.71	1.80	MAX
MIN	0.480	0.800	0.677	1.84	3.78	7.66	2.01	2.06	1.71	2.28	1.20	1.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.52
MAXIMUM DAILY, 43.4 ON JUN 9
MINIMUM DAILY, 0.480B ON JAN 11
MAXIMUM INSTANTANEOUS,
51.3 AT 14:30 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 05 N
LONG 113 52 07 W
DRAINAGE AREA, 1 980 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 070	JUL	8 880
FEB	1 680	AUG	10 200
MAR	4 220	SEP	5 350
APR	8 720	OCT	7 080
MAY	36 700	NOV	4 880
JUN	48 800	DEC	3 830

TOTAL DISCHARGE, 143 000 dam³

HIGHWOOD RIVER NEAR ALDERSYDE - STATION NO. 05BL009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.941B	2.708	4.87	20.6	7.18	3.15	1.95	2.55	3.108	---	1
2	---	---	1.02 B	3.008	4.58	18.0	6.42	4.72	1.87	2.66	---	---	2
3	---	---	1.04 B	3.308	4.12	15.7	6.84	5.77	1.86	2.68	---	---	3
4	---	---	1.04 B	3.608	4.02	18.0	6.14	5.41	2.06	2.80	---	---	4
5	---	---	1.01 B	3.408	4.47	18.7	6.06	5.82	2.02	2.68	---	---	5
6	---	---	1.06 B	3.208	4.78	21.7	5.62	5.13	1.98	2.86	---	---	6
7	---	---	1.07 B	3.008	6.16	28.6	4.76	5.34	2.08	2.80	---	---	7
8	---	---	1.10 B	2.808	8.51	41.8	4.68	4.62	2.12	2.82	---	---	8
9	---	---	1.11 B	2.39	7.08	47.2	4.75	4.13	2.18	2.86	---	---	9
10	---	---	1.22 B	2.38	6.80	38.1	4.30	3.68	2.18	2.83	---	---	10
11	---	---	1.16 B	2.83	12.5	33.5	4.23	3.80	2.31	2.86	---	---	11
12	---	---	1.11 B	2.89	16.2	28.4	4.01	4.38	2.38	2.68	---	---	12
13	---	---	1.22 B	2.78	21.0	24.3	3.57	4.84	2.19	2.80	---	---	13
14	---	---	1.10 B	2.80	24.3	21.0	3.08	3.81	2.13	2.81	---	---	14
15	---	---	1.28 B	3.08	21.5	18.7	3.85	3.41	2.12	2.84	---	---	15
16	---	---	1.26 B	2.83	18.7	17.3	2.73	3.26	2.08	2.85	---	---	16
17	---	0.788B	1.32 B	3.78	19.5	17.0	2.63	3.07	2.20	2.72	---	---	17
18	---	0.912B	1.43 B	4.65	20.8	17.3	2.54	3.16	2.34	3.21	---	---	18
19	---	0.943B	1.61 B	6.08	17.8	16.3	2.53	2.84	2.37	3.17	---	---	19
20	---	0.904B	2.28 B	6.80	15.7	14.3	2.39	2.96	2.50	3.02	---	---	20
21	---	0.887B	2.62 B	5.82	14.7	12.8	2.80	3.40	2.56	2.83	---	---	21
22	---	0.907B	2.48 B	4.58	13.8	12.1	2.41	3.35	2.28	2.84	---	---	22
23	---	0.887B	2.48 B	3.88	15.7	11.2	2.36	2.84	2.28	2.81	---	---	23
24	---	0.807B	2.37 B	3.58	20.7	10.1	2.31	3.09	2.33	2.92	---	---	24
25	---	0.878B	2.27 B	4.08	20.8	9.27	2.18	2.88	2.62	2.84	---	---	25
26	---	0.880B	2.50 B	3.63	17.2	8.84	2.12	2.86	2.67	2.85	---	---	26
27	---	0.826B	2.40 B	3.09	16.6	7.87	2.09	2.87	2.69	2.808	---	---	27
28	---	0.995B	2.30 B	3.12	16.3	7.73	2.18	2.82	2.78	2.808	---	---	28
29	---	1.11 B	2.20 B	3.41	15.6	8.13	2.23	2.48	2.87	2.858	---	---	29
30	---		2.10 B	4.28	15.7	7.87	2.21	2.24	2.90	2.908	---	---	30
31	---		2.40 B		18.3		2.28	1.98		3.008		---	31
TOTAL	---	---	50.711	105.89	428.98	389.61	115.86	113.61	66.48	88.41	---	---	TOTAL
MEAN	---	---	1.64	3.58	13.8	19.0	3.73	3.67	2.26	2.85	---	---	MEAN
MAX	---	---	2.62	6.80	24.3	47.2	7.18	6.13	1.78	3.21	---	---	MAX
MIN	---	---	0.941	2.38	4.02	7.73	2.08	1.98	1.85	2.54	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.30
MAXIMUM DAILY, 47.2 ON JUN 8
MINIMUM DAILY, 0.941B ON MAR 1
MAXIMUM INSTANTANEOUS,
53.4 AT 18:30 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 56 N
LONG 113 51 23 W
DRAINAGE AREA, 2 340 km²

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	9 880
FEB	---	AUG	9 630
MAR	4 380	SEP	5 520
APR	9 240	OCT	7 840
MAY	37 100	NOV	---
JUN	49 206	DEC	---

TOTAL DISCHARGE, 133 000 dam³

HIGHWOOD RIVER NEAR THE MOUTH - STATION NO. 05BL024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.27 B	1.20B	2.00B	3.40B	8.38	31.4	11.1	6.88	5.05	7.17	5.73B	3.46B	1
2	1.30 B	1.10B	1.90B	3.80B	7.17	27.0	10.1	13.5	4.87	7.31	4.59B	3.50B	2
3	1.35 B	1.05B	1.80B	4.20B	6.05	23.5	9.68	16.2	4.77	7.81	4.47B	3.50B	3
4	1.40 B	1.10B	1.83B	4.80B	5.01	23.4	9.81	18.4	4.88	7.41	4.48B	3.80B	4
5	1.41 B	1.15B	1.82B	4.74B	6.88	28.1	10.1	20.2	4.88	7.04	4.29B	3.44B	5
6	1.22 B	1.20B	1.90B	4.05B	7.40	32.6	11.6	18.2	4.46	6.62	4.39B	3.20B	6
7	1.17 B	1.25B	1.95B	4.34B	8.86	39.6	11.9	16.2	4.58	6.27	4.42L	3.10B	7
8	1.01 B	1.30B	2.12B	4.31B	11.0	68.2	9.80	12.6	4.76	6.10	4.31B	2.80B	8
9	0.9808	1.35B	2.20B	3.94B	13.0	76.3	8.81	10.8	4.83	6.14	4.08B	2.18B	9
10	0.9008	1.35B	2.10B	2.65	16.0	62.3	8.08	9.48	4.85	5.98	4.48B	2.00B	10
11	0.8508	1.30B	2.12B	2.86	20.7	52.8	7.74	12.2	5.40	5.80	4.85B	2.10B	11
12	0.7978	1.25B	2.04B	3.14	25.7	44.2	7.38	15.4	5.58	5.75	4.38B	2.85B	12
13	0.8738	1.20B	2.27B	3.39	32.9	37.6	8.88	13.7	5.36	5.85	4.00B	2.40B	13
14	0.9408	1.18B	2.83B	3.80	37.2	32.3	8.14	11.4	4.98	5.28	4.20B	2.30B	14
15	0.9878	1.10B	2.01B	4.47	30.9	28.8	8.76	9.85	5.06	5.03	4.40B	2.25B	15
16	1.20 B	1.18B	2.00B	5.01	25.8	26.1	8.57	8.82	4.80	4.93	4.50B	2.12B	16
17	1.25 B	1.20B	2.10B	7.04	27.0	25.8	8.18	8.38	5.14	5.00	4.80B	2.23B	17
18	1.82 B	1.28B	2.20B	7.85	29.0	27.2	4.98	8.71	5.85	5.55	4.80B	2.23B	18
19	1.70 B	1.35B	2.41B	8.12	24.3	25.0	4.72	7.80	5.84	5.90	4.55B	2.21B	19
20	1.83 B	1.45B	3.45B	9.26	21.2	22.6	4.48	8.88	6.28	5.51	4.50B	2.18B	20
21	1.40 B	1.50B	4.30B	7.80	18.8	20.8	4.41	11.3	6.42	5.17	4.50B	2.12B	21
22	1.20 B	1.50B	3.92B	8.33	18.8	19.3	4.30	11.4	6.05	5.01	4.48B	2.05B	22
23	1.10 B	1.50B	3.88B	9.41	21.4	18.0	4.12	9.55	5.49	4.95	4.43B	1.90B	23
24	1.17 B	1.40B	3.43B	8.88	26.3	16.5	4.06	8.88	5.82	4.82	4.00B	1.80B	24
25	1.38 B	1.30B	3.72B	8.76	29.0	15.0	3.82	7.89	6.38	4.69	3.90B	1.80B	25
26	1.38 B	1.20B	3.50B	9.03	23.8	13.8	3.82	7.28	8.54	4.62	3.80B	1.55B	26
27	1.38 B	1.90B	3.30B	4.57	22.9	12.7	3.42	8.87	8.61	4.60B	3.70B	1.80B	27
28	1.40 B	2.10B	3.10B	5.05	22.8	12.6	3.48	8.87	7.07	4.30B	3.90B	1.70B	28
29	1.40 B	2.20B	3.00B	8.28	21.4	13.0	3.52	8.24	8.84	4.60B	3.10B	1.80B	29
30	1.40 B		2.80B	7.84	23.7	12.8	3.43	8.82	8.78	4.80B	3.30B	1.80B	30
31	1.30 B		2.90B		26.2		3.52	8.43		5.00B		1.90B	31
TOTAL	38.967	38.85	80.81	164.27	624.89	889.5	201.13	335.77	185.70	175.02	128.44	73.05	TOTAL
MEAN	1.26	1.33	2.61	5.14	20.2	29.7	6.49	10.8	5.52	5.65	4.18	2.36	MEAN
MAX	1.82	2.20	4.30	9.26	37.2	76.3	11.9	20.2	7.07	7.81	5.73	3.80	MAX
MIN	0.797	1.05	1.80	2.65	5.01	12.7	3.42	5.43	4.48	4.30	2.70	1.55	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.93
MAXIMUM DAILY, 76.3 ON JUN 9
MINIMUM DAILY, 0.7978 ON JAN 12
MAXIMUM INSTANTANEOUS,
88.8 AT 23:22 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 00 N
LONG 113 49 13 W
DRAINAGE AREA, 3 990 km²

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 370	JUL	17 400
FEB	3 340	AUG	28 000
MAR	6 980	SEP	14 300
APR	13 300	OCT	15 100
MAY	54 000	NOV	10 800
JUN	76 900	DEC	6 310

TOTAL DISCHARGE, 351 000 dam³

HILDA LAKE NEAR COLD LAKE - STATION NO. 06AC003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	548.808	---	---	---	---	---	---	1
2	---	---	---	---	---	548.814	---	---	---	---	---	---	2
3	---	---	---	---	548.841	548.824	---	---	---	---	548.488	---	3
4	---	---	---	---	---	---	548.835	---	---	---	---	---	4
5	---	---	---	---	---	---	548.830	---	548.887	548.809	---	---	5
6	---	---	---	548.838	---	---	---	548.883	---	548.813	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	548.814	---	548.872	---	---	---	9
10	---	---	548.807	---	548.838	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	548.881	---	---	---	---	11
12	---	---	---	---	---	---	548.813	---	---	---	---	---	12
13	---	---	---	548.843	---	548.818	---	---	---	---	---	---	13
14	---	---	---	---	548.823	---	548.809	---	548.849	548.805	---	---	14
15	---	---	---	---	---	---	---	548.883	---	---	---	---	15
16	---	---	---	---	---	548.811	---	---	---	548.804	---	---	16
17	---	---	---	---	---	---	---	---	548.844	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	548.811	548.885	548.838	---	---	---	19
20	---	---	---	---	---	---	548.811	---	548.838	---	---	---	20
21	---	---	---	548.836	---	---	548.809	---	---	548.488	---	---	21
22	---	---	---	---	---	548.800	548.809	---	---	---	---	---	22
23	---	---	---	---	548.803	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	548.889	---	---	---	---	24
25	---	---	---	---	548.488	---	548.884	---	---	---	---	---	25
26	---	---	---	---	548.487	---	548.881	---	---	548.488	---	---	26
27	---	---	---	---	548.488	548.881	---	548.888	---	---	---	---	27
28	---	---	---	---	548.484	548.885	548.884	---	---	---	---	---	28
29	---	---	---	---	548.488	548.832	548.882	---	---	---	---	---	29
30	---		---	---	548.483	548.830	---	---	---	---	---	---	30
31	---		---		---		---	548.809		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 31 20 N
LONG 110 24 55 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
79.6 km²

MINES CREEK ABOVE GERRY LAKE - STATION NO. 07FD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1110	0.808	4.10	8.04	0.886	0.384	0.039	0.0308	---	1
2	---	---	0 B	0.0458	0.858	3.95	9.00	0.872	0.343	0.038	---	---	2
3	---	---	0 B	0.0518	0.844	3.75	9.14	0.672	0.324	0.048	---	---	3
4	---	---	0 B	0.0778	0.844	3.85	10.8	0.672	0.308	0.048	---	---	4
5	---	---	0 B	0.0918	0.826	3.68	10.2	0.858	0.302	0.048	---	---	5
6	---	---	0 B	0.0888	0.817	3.75	10.0	0.844	0.288	0.044	---	---	6
7	---	---	0 B	0.0878	0.812	4.17	9.20	0.830	0.288	0.041	---	---	7
8	---	---	0 B	0.1008	0.815	4.31	8.40	0.823	0.256	0.040	---	---	8
9	---	---	0 B	0.1078	0.818	4.87	7.82	0.817	0.241	0.041	---	---	9
10	---	---	0 B	0.1348	0.594	5.74	7.08	0.805	0.217	0.041	---	---	10
11	---	---	0 B	0.1728	0.577	5.81	8.38	0.802	0.206	0.040	---	---	11
12	---	---	0 B	0.1708	0.549	5.82	8.40	0.587	0.178	0.043	---	---	12
13	---	---	0 B	0.1588	0.512	5.61	20.4	0.573	0.159	0.041	---	---	13
14	---	---	0 B	0.3388	0.873	5.11	18.6	0.528	0.145	0.042	---	---	14
15	---	---	0 B	0.3408	1.91	4.56	15.3	0.750	0.145	0.041	---	---	15
16	---	---	0 B	0.3208	3.50	3.61	13.4	0.704	0.125	0.037	---	---	16
17	---	---	0 B	0.2808	5.30	2.82	10.0	0.554	0.116	0.036	---	---	17
18	---	---	0 B	0.2838	5.09	2.26	5.56	0.475	0.089	0.037	---	---	18
19	---	---	0 B	0.2528	7.76	1.76	2.82	0.507	0.083	0.035	---	---	19
20	---	---	0 B	0.2408	8.76	1.43	1.72	0.505	0.087	0.036	---	---	20
21	---	---	0 B	0.2358	8.14	1.32	1.19	0.480	0.058	0.043	---	---	21
22	---	---	0 B	0.2488	8.03	1.28	0.827	0.491	0.041	0.041	---	---	22
23	---	---	0 B	0.3508	8.38	1.14	0.858	0.498	0.047	0.040	---	---	23
24	---	---	0 B	0.5188	8.18	1.18	0.832	0.473	0.055	0.036	---	---	24
25	---	---	0 B	0.5868	4.80	1.18	0.870	0.448	0.041	0.0358	---	---	25
26	---	---	0 B	0.587	4.88	1.18	0.840	0.430	0.028	0.0338	---	---	26
27	---	---	0 B	0.581	4.58	1.17	0.770	0.418	0.031	0.0318	---	---	27
28	---	---	0 B	0.550	4.24	1.18	0.758	0.394	0.037	0.0288	---	---	28
29	---	---	0 B	0.534	4.24	1.32	0.758	0.388	0.037	0.0288	---	---	29
30	---		0.0018	0.592	4.38	2.15	0.742	0.388	0.041	0.0248	---	---	30
31	---		0.0048		4.24		0.714	0.378		0.0228		---	31
TOTAL	---	---	0.005	8.174	87.088	83.80	201.013	17.058	4.834	1.178	---	---	TOTAL
MEAN	---	---	0	0.272	3.13	3.13	6.48	0.550	0.154	0.038	---	---	MEAN
MAX	---	---	0.004	0.582	8.08	5.82	20.4	0.780	0.384	0.048	---	---	MAX
MIN	---	---	0	0.048	0.512	1.14	0.714	0.378	0.028	0.022	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.73
MAXIMUM DAILY, 20.4 ON JUL 13
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
21.5 AT 13:30 MST ON JUL 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 20 03 N
LONG 119 15 46 W
DRAINAGE AREA, 374 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17 400
FEB	---	AUG	1 470
MAR	0.43	SEP	400
APR	708	OCT	102
MAY	8 390	NOV	---
JUN	8 100	DEC	---

TOTAL DISCHARGE, 35 800 dam³

REMARKS - PEAK FLOW WAS OBSERVED ON SITE

MINES CREEK NEAR FAIRVIEW - STATION NO. 07FD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0358	0.2628	0.730	4.75	17.8	3.07	0.180	0.040	---	---	1
2	---	---	0.0328	0.3628	0.730	4.75	16.8	2.87	0.220E	0.037E	---	---	2
3	---	---	0.0308	0.4708	0.780	4.03	19.4	2.43	0.270	0.040	---	---	3
4	---	---	0.0308	0.5748	0.870	4.21	23.4	2.19	0.230	0.037E	---	---	4
5	---	---	0.0258	0.5988	0.780	4.88E	19.0	1.83	0.190	0.040	---	---	5
6	---	---	0.0808	1.33 B	0.780	5.58	25.9	1.73	0.150E	0.037E	---	---	6
7	---	---	0.1258	0.9808	0.780	6.56	26.4	1.18	0.130	0.040	---	---	7
8	---	---	0.2008	1.16 B	0.870	7.02	20.6	1.18	0.110	0.037E	---	---	8
9	---	---	0.1748	1.28 B	0.870	8.23	17.0	0.870	0.110	0.040	---	---	9
10	---	---	0.1748	1.41 B	0.870	11.5	15.2	0.780	0.110	0.030	---	---	10
11	---	---	0.2008	1.88 B	0.870	11.0	20.3	0.780	0.090	0.015	---	---	11
12	---	---	0.2408	1.82 B	0.854	11.3	29.9	0.780	0.090	0.018E	---	---	12
13	---	---	0.2808	2.58	0.870	10.7	26.9	0.730	0.090	0.020	---	---	13
14	---	---	0.2748	2.87	1.18	9.80	35.1	0.730	0.070	0.020	---	---	14
15	---	---	0.2708	1.83	1.83	9.80	42.2	0.730	0.040	0.020	---	---	15
16	---	---	0.2808	1.43	1.85	9.80	38.0	0.720	0.044E	0.027E	---	---	16
17	---	---	0.2548	1.11	2.37	9.20	32.8	0.670	0.050	0.030	---	---	17
18	---	---	0.2808	1.03	4.52	8.43E	21.2	0.870	0.050	0.030	---	---	18
19	---	---	0.2458	0.880	5.23	7.85	16.8	0.800E	0.040	0.040	---	---	19
20	---	---	0.2408	0.870	4.75	8.85	12.9	0.810	0.040	0.040	---	---	20
21	---	---	0.2388	0.784	4.75	5.55	12.5	0.520	0.040	0.050	---	---	21
22	---	---	0.2308	1.23	4.85 E	4.75	12.4 E	0.480E	0.040	0.050	---	---	22
23	---	---	0.2228	1.63	4.57	3.85	12.5	0.380	0.040	0.050	---	---	23
24	---	---	0.2238	1.63	5.36	2.93	12.2	0.380	0.037E	0.040B	---	---	24
25	---	---	0.2108	1.63	5.36	2.78	11.8	0.360	0.039E	0.033B	---	---	25
26	---	---	0.2028	1.63	5.15	2.67	10.7	0.380	0.040	0.027B	---	---	26
27	---	---	0.1948	1.19	4.75	2.87	7.35	0.380	0.039E	0.021B	---	---	27
28	---	---	0.1808	0.780	4.75	2.85	5.75	0.310	0.040	0.026B	---	---	28
29	---	---	0.2088	0.730	7.43	8.01	4.03	0.310	0.038E	0.021B	---	---	29
30	---		0.2588	0.730	7.73	20.7	3.71	0.270	0.040	0.026B	---	---	30
31	---		0.3488		5.95		3.39	0.215E		0.033B		---	31
TOTAL	---	---	5.886	35.020	93.884	211.81	578.73	29.668	2.707	1.037	---	---	TOTAL
MEAN	---	---	0.190	1.19	2.99	7.06	18.7	0.883	0.090	0.033	---	---	MEAN
MAX	---	---	0.348	2.87	7.73	20.7	42.2	3.07	0.270	0.050	---	---	MAX
MIN	---	---	0.025	0.282	0.730	2.55	3.39	0.215	0.037	0.015	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.92
MAXIMUM DAILY, 42.2 ON JUL 18
MINIMUM DAILY, 0.015 ON OCT 11
MAXIMUM INSTANTANEOUS,
42.9 AT 14:00 MST ON JUL 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 04 05 N
LONG 118 38 35 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	50 100
FEB	---	AUG	3 550
MAR	808	SEP	334
APR	3 080	OCT	88.8
MAY	8 010	NOV	---
JUN	15 300	DEC	---

TOTAL DISCHARGE, 82 800 dam³

REMARKS - PEAK FLOW WAS OBTAINED FROM GRAPH OF OBSERVED READINGS

HOUSE RIVER AT HIGHWAY NO. 63 - STATION NO. 07CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.788B	0.642B	4.18	3.75	7.71	8.80	2.25	1.43	1.308	---	1
2	---	---	0.788B	0.648B	4.24	4.63	8.32	8.25	2.34	1.44	---	---	2
3	---	---	0.739B	0.655B	4.23	5.24	8.52	8.74	2.33	1.36	---	---	3
4	---	---	0.789B	0.661B	4.21	5.32	8.24	8.20	2.18	1.37	---	---	4
5	---	---	0.775B	0.653B	4.18	5.30	7.88	4.88	1.98	1.34	---	---	5
6	---	---	0.808B	0.690B	4.20	5.51	7.80	4.22	1.84	1.34	---	---	6
7	---	---	0.740B	0.700B	4.18	5.57	8.87	3.88	1.83	1.27	---	---	7
8	---	---	0.700B	0.710B	4.18	5.54	8.78	3.58	1.75	1.25	---	---	8
9	---	---	0.740B	0.714B	4.12	5.40	10.4	3.31	1.70	1.26	---	---	9
10	---	---	0.780B	0.854B	4.02	5.35	10.5	3.10	1.84	1.26	---	---	10
11	---	---	0.800B	1.18 B	3.86	5.72	10.1	3.04	1.81	1.28	---	---	11
12	---	---	0.820B	1.82 B	3.78	7.32	9.51	3.17	1.85	1.23	---	---	12
13	---	---	0.800B	3.08 B	3.61	8.38	8.49	2.87	1.48	1.21	---	---	13
14	---	---	0.740B	3.45 B	3.48	8.88	10.4	2.75	1.45	1.20	---	---	14
15	---	---	0.780B	4.88 B	3.44	9.15	11.0	2.58	1.40	1.18	---	---	15
16	---	---	0.840B	5.20 B	3.48	9.09	11.4	2.43	1.34	1.11	---	---	16
17	---	---	0.880B	5.50 B	3.53	8.70	11.9	2.31	1.31	1.13	---	---	17
18	---	---	0.840B	4.84 B	3.41	8.38	12.1	2.19	1.24	1.14	---	---	18
19	---	---	0.780B	4.07 B	3.33	8.04	12.1	2.15	1.20	1.13	---	---	19
20	---	---	0.770B	3.74 B	3.15	7.35	11.9	2.18	1.18	1.16	---	---	20
21	---	---	0.780B	3.21 B	3.08	6.76	11.5	2.45	1.19	1.13	---	---	21
22	---	---	0.780B	3.51 B	2.90	6.23	11.0	2.84	1.22	1.20	---	---	22
23	---	---	0.770B	3.18 B	2.70	5.76	10.7	2.65	1.27	1.25	---	---	23
24	---	---	0.780B	3.20 B	2.46	5.30	10.1	2.53	1.30	1.11	---	---	24
25	---	---	0.780B	3.40 B	2.38	4.82	9.88	2.40	1.31	1.17	---	---	25
26	---	---	0.740B	3.73 B	2.22	4.56	9.29	2.20	1.38	1.19	---	---	26
27	---	---	0.700B	3.89 B	2.15	4.22	8.80	2.08	1.34	1.188	---	---	27
28	---	---	0.620B	3.86	2.07	3.88	8.35	1.98	1.37	1.228	---	---	28
29	---	---	0.640B	3.82	1.95	3.98	7.84	1.85	1.38	1.258	---	---	29
30	---		0.640B	3.85	2.02	6.42	7.84	1.88	1.42	1.308	---	---	30
31	---		0.640B		2.86		7.34	2.03		1.308		---	31
TOTAL	---	---	23.467	81.917	103.40	184.98	300.07	97.18	48.70	38.40	---	---	TOTAL
MEAN	---	---	0.757	2.73	3.34	6.17	9.68	3.13	1.58	1.24	---	---	MEAN
MAX	---	---	0.880	5.20	4.24	9.15	12.1	8.80	2.34	1.44	---	---	MAX
MIN	---	---	0.620	0.642	1.95	3.75	7.34	1.85	1.18	1.11	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.68
MAXIMUM DAILY, 12.1 ON JUL 16
MINIMUM DAILY, 0.620B ON MAR 28
MAXIMUM INSTANTANEOUS,
12.2 AT 20:38 MST ON JUL 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 30 N
LONG 112 08 28 W
DRAINAGE AREA, 784 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	25 900
FEB	---	AUG	8 400
MAR	2 030	SEP	4 030
APR	7 080	OCT	3 320
MAY	8 930	NOV	---
JUN	15 900	DEC	---

TOTAL DISCHARGE, 75 700 dam³

IOSEGUN RIVER NEAR LITTLE SMOKY - STATION NO. 07GB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.356B	1.73B	6.18	1.82	15.3	2.88	0.388	1.00	1.038	---	1
2	---	---	0.364B	1.70B	6.21	1.61	14.0	2.44	0.322	1.04	1.008	---	2
3	---	---	0.382B	1.85B	5.45	1.51	11.7	2.13	0.252	1.09	1.088	---	3
4	---	---	0.441B	1.99B	4.63	1.44	10.8	1.95	0.256	1.10	---	---	4
5	---	---	0.519B	2.19B	4.22	1.44	10.0	1.83	0.229	1.15	---	---	5
6	---	---	0.570B	2.34B	3.89	1.50	10.2	1.71	0.200	1.18	---	---	6
7	---	---	0.808B	2.55B	3.61	1.63	35.7	1.65	0.257	1.19	---	---	7
8	---	---	0.679B	3.10B	3.56	2.72	81.1	1.62	0.244	1.25	---	---	8
9	---	---	0.772B	3.86B	3.19	7.71	51.3	1.60	0.232	1.34	---	---	9
10	---	---	0.600B	4.10B	2.98	38.0	35.5	1.67	0.219	1.41	---	---	10
11	---	---	0.612B	3.62B	2.68	62.5	29.5	1.56	0.258	1.41	---	---	11
12	---	---	0.863B	4.06B	2.53	90.8	27.3	1.49	0.291	1.45	---	---	12
13	---	---	0.672B	3.46B	2.40	97.6	42.2	1.44	0.246	1.48	---	---	13
14	---	---	0.850B	5.85B	2.81	80.7	44.3	1.45	0.193	1.52	---	---	14
15	---	---	1.12 B	8.04	10.1	60.1	34.6	1.38	0.241	1.53	---	---	15
16	---	---	1.24 B	8.86	17.9	43.9	28.6	1.35	0.238	1.56	---	---	16
17	---	---	1.26 B	12.6	14.1	35.6	20.6	1.35	0.215	1.57	---	---	17
18	---	---	1.33 B	11.8	11.3	28.6	17.0	1.99	0.185	1.57	---	---	18
19	---	---	1.31 B	10.7	9.05	26.2	14.6	2.07	0.268	1.61	---	---	19
20	---	---	1.27 B	10.5	7.39	24.1	13.0	2.23	0.314	1.64	---	---	20
21	---	---	1.51 B	16.1	6.15	20.7	11.2	2.44	0.338	1.72	---	---	21
22	---	---	1.58 B	16.1	5.24	18.0	9.55	2.57	0.420	1.76	---	---	22
23	---	---	1.62 B	14.6	4.49	15.9	7.82	2.24	0.414	1.71	---	---	23
24	---	---	1.67 B	13.1	3.76	14.5	6.57	1.59	0.408	1.76	---	---	24
25	---	---	1.70 B	10.9	3.30	13.4	5.46	1.45	0.484	1.78	---	---	25
26	---	---	1.63 B	8.37	2.83	12.3	4.88	1.24	0.474	1.82 B	---	---	26
27	---	---	1.59 B	7.61	2.38	10.5	4.19	1.05	0.488	1.34 B	---	---	27
28	---	---	1.61 B	7.08	2.05	9.16	3.70	0.891	0.521	0.890B	---	---	28
29	---	0.344B	1.66 B	6.59	1.86	10.0	3.43	0.752	0.649	0.850B	---	---	29
30	---		1.64 B	6.27	1.71	13.6	3.28	0.838	0.852	1.06 B	---	---	30
31	---		1.66 B		1.67		3.09	0.484		0.980B		---	31
TOTAL	---	---	34.906	214.42	159.68	748.74	609.45	51.053	10.082	42.870	---	---	TOTAL
MEAN	---	---	1.11	7.15	5.15	25.0	19.7	1.65	0.335	1.38	---	---	MEAN
MAX	---	---	1.70	16.1	17.9	97.6	81.1	2.89	0.852	1.78	---	---	MAX
MIN	---	---	0.356	1.70	1.67	1.44	3.09	0.484	0.193	0.850	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.84
MAXIMUM DAILY, 97.6 ON JUN 13
MINIMUM DAILY, 0.193 ON SEP 14
MAXIMUM INSTANTANEOUS,
105 AT 23:30 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 44 43 N
LONG 117 08 04 W
DRAINAGE AREA, 1 950 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	52 700
FEB	---	AUG	4 410
MAR	2 880	SEP	885
APR	18 500	OCT	3 890
MAY	13 600	NOV	---
JUN	64 700	DEC	---

TOTAL DISCHARGE, 182 000 dam³

IRON CREEK NEAR HARDISTY - STATION NO. 05FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.1558	0.042	0.002	0.188	0	0	0.002	0A	---	1
2	---	---	0.0028	0.1628	0.027	0.003	0.097	0	0	0.001	---	---	2
3	---	---	0.0188	0.1028	0.007	0.003	0.048	0	0	0	---	---	3
4	---	---	0.0288	0.2218	0.005	0.007	0.020	0	0	0	---	---	4
5	---	---	0.0418	0.228	0.003	0.008	0.010	0	0	0	---	---	5
6	---	---	0.0358	0.284	0.003	0.004	0.011	0	0	0	---	---	6
7	---	---	0.0338	0.893	0.003	0.003	0.014	0	0	0	---	---	7
8	---	---	0.0388	0.670	0.002	0.007	0.014	0	0	0	---	---	8
9	---	---	0.0708	0.734	0.003	0.021	0.008	0	0	0	---	---	9
10	---	---	0.0878	0.855	0.014	0.024	0.003	0	0	0.001	---	---	10
11	---	---	0.0788	0.858	0.012	0.018	0.002	0.001	0	0.001	---	---	11
12	---	---	0.0848	0.884	0.010	0.015	0.003	0.002	0	0.001	---	---	12
13	---	---	0.0858	0.780	0.008	0.016	0.003	0.002	0	0.002	---	---	13
14	---	---	0.0888	0.884	0.008	0.016	0.001	0.001	0	0.002	---	---	14
15	---	---	0.0898	0.887	0.018	0.018	0	0.001	0	0.002	---	---	15
16	---	---	0.0838	0.444	0.012	0.015	0	0.001	0	0.002	---	---	16
17	---	---	0.0858	0.330	0.008	0.012	0	0	0	0.002	---	---	17
18	---	---	0.1078	0.267	0.005	0.008	0	0	0	0.002	---	---	18
19	---	---	0.1128	0.220	0.005	0.008	0	0	0	0.002	---	---	19
20	---	---	0.1158	0.178	0.013	0.010	0	0	0	0.002	---	---	20
21	---	---	0.1208	0.150	0.012	0.015	0	0.001	0	0.002	---	---	21
22	---	---	0.1228	0.125	0.003	0.020	0	0.005	0	0.002	---	---	22
23	---	0 B	0.1258	0.125	0.002	0.045	0	0.019	0	0.002	---	---	23
24	---	0.0028	0.1238	0.103	0.002	0.073	0	0.003	0	0.003	---	---	24
25	---	0.0158	0.1248	0.082	0.002	0.077	0	0.003	0	0.003	---	---	25
26	---	0.0308	0.1308	0.070	0.001	0.073	0	0.003	0	0.002	---	---	26
27	---	0.0138	0.1458	0.073	0.002	0.088	0	0.002	0	0.001	---	---	27
28	---	0.0048	0.1388	0.085	0.005	0.075	0	0.002	0	0.005	---	---	28
29	---	0.0038	0.1328	0.078	0.002	1.82	0	0.002	0	0.002	---	---	29
30	---		0.1478	0.068	0.001	0.485	0	0.001	0.002	0.001	---	---	30
31	---		0.1418		0.002		0	0.001		0		---	31
TOTAL	---	---	2.585	10.850	0.241	2.837	0.415	0.080	0.002	0.045	---	---	TOTAL
MEAN	---	---	0.083	0.355	0.008	0.095	0.013	0.002	0	0.001	---	---	MEAN
MAX	---	---	0.147	0.858	0.042	1.82	0.188	0.019	0.002	0.005	---	---	MAX
MIN	---	---	0.001	0.068	0.001	0.002	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 1.82 ON JUN 29
MINIMUM DAILY, 0 ON JUL 15
MAXIMUM INSTANTANEOUS,
4.80 AT 09:30 MST ON JUN 29

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 42 28 N
LONG 111 18 38 W
DRAINAGE AREA, 3 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35.8
FEB	---	AUG	4.32
MAR	223	SEP	0.17
APR	930	OCT	3.89
MAY	20.8	NOV	---
JUN	284	DEC	---

TOTAL DISCHARGE, 1 480 dam³

IRON CREEK NEAR VIKING - STATION NO. 05FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0018	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0.0028	0	0	0	0	0	0	0A	---	2
3	---	---	0 B	0.0038	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.0048	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.0308	0	0		0	0	0	---	---	5
6	---	---	0 B	0.0338	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.0388	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.0388	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.0348	0	0.008	0	0	0	0	---	---	9
10	---	---	0 B	0.0338	0	0.088	0	0	0	0	---	---	10
11	---	---	0 B	0.0248	0	0.088	0	0	0	0	---	---	11
12	---	---	0 B	0.017	0	0.038	0	0	0	0	---	---	12
13	---	---	0 B	0.017	0	0.031	0	0	0	0	---	---	13
14	---	---	0 B	0.018	0	0.018	0	0	0	0	---	---	14
15	---	---	0 B	0.012	0	0.014	0	0	0	0	---	---	15
16	---	---	0 B	0.010	0	0.008	0	0	0	0	---	---	16
17	---	---	0 B	0.008	0	0.004	0	0	0	0	---	---	17
18	---	---	0 B	0.007	0	0.003	0	0	0	0	---	---	18
19	---	---	0.0018	0.005	0	0.002	0	0	0	0	---	---	19
20	---	---	0.0018	0.004	0	0.001	0	0	0	0	---	---	20
21	---	---	0.0018	0.004	0	0	0	0.003	0	0	---	---	21
22	---	---	0.0018	0.003	0	0	0	0	0	0	---	---	22
23	---	---	0.0018	0.002	0	0	0	0	0	0	---	---	23
24	---	---	0.0018	0.001	0	0.001	0	0	0	0	---	---	24
25	---	---	0.0018	0	0	0	0	0	0	0	---	---	25
26	---	---	0.0018	0	0	0	0	0	0	0	---	---	26
27	---	---	0 B	0	0	0	0	0	0	0	---	---	27
28	---	---	0 B	0	0	0	0	0	0	0	---	---	28
29	---	---	0 B	0	0	0	0	0	0	0	---	---	29
30	---		0 B	0	0	0	0	0	0	0	---	---	30
31	---		0.0018		0		0	0		0		---	31
TOTAL	---	---	0.008	0.339	0	0.242	0	0.003	0	0	---	---	TOTAL
MEAN	---	---	0	0.011	0	0.008	0	0	0	0	---	---	MEAN
MAX	---	---	0.001	0.038	0	0.088	0	0.003	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.088 ON JUN 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.088 AT 22:57 MST ON JUN 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 58 N
LONG 111 54 07 W
DRAINAGE AREA, 121 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0.26
MAR	0.75	SEP	0
APR	25.3	OCT	0
MAY	0	NOV	---
JUN	20.8	DEC	---

TOTAL DISCHARGE, 51.2 dam³

ISLE LAKE AT EUREKA BEACH - STATION NO. 05EA005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	728.888	728.885	728.850	---	728.833	728.847	---	---	1
2	---	---	---	---	---	728.888	728.848	---	728.828	728.847	728.782	---	2
3	---	---	---	---	728.888	728.881	728.854	728.853	728.822	728.847	---	---	3
4	---	---	---	---	---	728.888	728.848	728.852	728.812	728.845	---	---	4
5	---	---	---	---	---	728.888	---	728.848	728.807	728.840	---	---	5
6	---	---	---	---	---	728.888	---	728.888	---	728.841	---	---	6
7	---	---	---	---	728.888	728.881	728.888	728.873	---	728.841	---	---	7
8	---	---	---	---	728.888	---	728.848	728.874	---	728.838	---	---	8
9	---	---	---	---	728.884	---	728.878	728.888	728.887	728.827	---	---	9
10	---	---	---	---	728.884	728.808	728.898	---	728.887	728.827	---	---	10
11	---	---	---	---	728.884	728.818	730.018	728.888	728.887	---	---	---	11
12	---	---	---	728.818	728.881	728.838	730.028	728.888	728.882	728.822	---	---	12
13	---	---	---	---	728.881	---	730.028	728.887	728.871	728.822	---	---	13
14	---	---	---	---	---	728.828	730.028	728.887	728.872	728.828	---	---	14
15	---	---	---	---	728.878	728.828	730.033	728.882	728.887	728.827	---	---	15
16	---	---	---	---	---	728.828	---	---	---	728.827	---	---	16
17	---	---	---	---	---	728.828	730.028	728.887	728.877	728.828	---	---	17
18	---	---	---	---	728.874	728.828	730.024	728.887	728.877	728.821	---	---	18
19	---	---	---	---	728.888	728.828	730.023	728.887	728.872	728.817	---	---	19
20	---	---	---	---	728.887	728.818	730.018	---	---	728.812	---	---	20
21	---	---	---	---	728.884	728.814	730.018	---	---	728.808	---	---	21
22	---	---	---	---	728.888	728.812	---	728.882	728.887	728.808	---	---	22
23	---	---	728.814	---	728.888	728.812	730.003	728.882	---	728.802	---	---	23
24	---	728.887	---	---	728.884	728.824	730.003	728.877	728.887	---	---	---	24
25	---	---	---	---	728.884	728.828	728.888	728.873	728.881	728.787	---	---	25
26	---	---	---	---	728.848	728.832	728.883	---	728.847	728.788	---	---	26
27	---	---	---	---	728.847	728.842	728.883	728.888	---	728.788	---	---	27
28	---	---	---	---	728.842	---	728.880	728.881	728.847	728.783	---	---	28
29	---	---	---	---	728.843	728.883	728.873	728.888	---	728.782	---	---	29
30	---		---	---	---	728.883	728.873	---	728.847	728.781	---	---	30
31	---		---		728.888		728.888	728.837		728.781		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 37 22 N
LONG 114 42 01 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
278 km²

JACKFISH CREEK NEAR LA COREY - STATION NO. 05AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.038B	0.198B	0.112	0.011	0.008	0	0	0	0B	---	1
2	---	---	0.038B	0.248B	0.298	0.005	0.003	0	0	0	0B	---	2
3	---	---	0.039B	0.261B	0.183	0.001	0.018	0	0	0	0B	---	3
4	---	---	0.040B	0.309B	0.155	0	0.028	0	0	0	---	---	4
5	---	---	0.040B	0.274B	0.102	0	0.021	0	0	0	---	---	5
6	---	---	0.041B	0.244B	0.208	0	0.024	0	0	0	---	---	6
7	---	---	0.042B	0.218B	0.213	0	0.038	0	0	0	---	---	7
8	---	---	0.042B	0.208B	0.171	0	0.032	0A	0	0	---	---	8
9	---	---	0.043B	0.138B	0.081	0	0.020	0	0	0	---	---	9
10	---	---	0.044B	0.124B	0.080	0	0.011	0	0	0	---	---	10
11	---	---	0.044B	0.140B	0.083	0	0.008	0	0	0	---	---	11
12	---	---	0.046B	0.128B	0.070	0	0.008	0	0	0	---	---	12
13	---	---	0.048B	0.118B	0.178	0	0.004	0	0	0	---	---	13
14	---	---	0.048B	0.124B	0.238	0	0.003	0	0	0	---	---	14
15	---	---	0.207B	0.138B	0.228	0	0.004	0	0	0	---	---	15
16	---	---	0.233B	0.181B	0.208	0	0.004	0	0	0	---	---	16
17	---	---	0.213B	0.162	0.188	0	0.012	0	0	0	---	---	17
18	---	---	0.181B	0.087	0.071	0	0.018	0	0	0	---	---	18
19	---	---	0.148B	0.151	0.028	0	0.018	0	0	0	---	---	19
20	---	---	0.121B	0.188	0.008	0	0.014	0	0	0	---	---	20
21	---	---	0.107B	0.097	0	0	0.008	0	0	0	---	---	21
22	---	---	0.101B	0.087	0	0	0.008	0	0	0	---	---	22
23	---	---	0.098B	0.081	0	0	0.007	0	0	0	---	---	23
24	---	---	0.118B	0.082	0	0	0.008	0	0	0	---	---	24
25	---	---	0.128B	0.112	0	0	0.004	0	0	0B	---	---	25
26	---	---	0.145B	0.087	0	0	0.002	0	0	0B	---	---	26
27	---	---	0.152B	0.045	0	0	0.001	0	0	0B	---	---	27
28	---	---	0.144B	0.044	0	0	0.001	0	0	0B	---	---	28
29	---	---	0.154B	0.048	0	0	0.001	0	0	0B	---	---	29
30	---		0.144B	0.068	0	0.002	0.001	0	0	0B	---	---	30
31	---		0.150B		0		0.001	0A		0B		---	31
TOTAL	---	---	3.107	4.389	2.875	0.019	0.334	0	0	0	---	---	TOTAL
MEAN	---	---	0.100	0.146	0.093	0.001	0.011	0	0	0	---	---	MEAN
MAX	---	---	0.233	0.309	0.298	0.011	0.038	0	0	0	---	---	MAX
MIN	---	---	0.038	0.044	0	0	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.044
MAXIMUM DAILY, 0.309B ON APR 4
MINIMUM DAILY, 0 ON MAY 21
MAXIMUM INSTANTANEOUS,
0.396B AT 14:35 MST ON MAR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 30 N
LONG 110 41 10 W
DRAINAGE AREA, 488 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	28.8
FEB	---	AUG	0
MAR	288	SEP	0
APR	377	OCT	0
MAY	248	NOV	---
JUN	1.84	DEC	---

TOTAL DISCHARGE, 924 dam³

JACKFISH RIVER BELOW CHRISTINA LAKE - STATION NO. 07CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2738	0.3408	1.91	1.08	2.18	6.77	2.38	1.12	0.7758	---	1
2	---	---	0.2808	0.3808	1.98	1.08	2.25	6.62	2.38	1.18	0.7758	---	2
3	---	---	0.2818	0.3758	1.88	1.01	2.28	6.20	2.35	1.13	0.7898	---	3
4	---	---	0.2838	0.4008	2.00	1.02	2.38	5.91	2.31	1 13	---	---	4
5	---	---	0.2858	0.4288	2.02	1.10	2.52	5.52	2.25	1.11	---	---	5
6	---	---	0.2858	0.4858	1.98	1.15	2.67	5.26	2.13	1.08	---	---	6
7	---	---	0.2888	0.5178	1.88	1.18	2.83	4.99	1.98	1.07	---	---	7
8	---	---	0.2868	0.5408	1.88	1.21	2.98	4.78	1.88	1.03	---	---	8
9	---	---	0.2878	0.6008	1.84	1.27	3.26	4.48	1.88	1.02	---	---	9
10	---	---	0.2878	0.6908	1.78	1.28	3.47	4.21	1.88	1.02	---	---	10
11	---	---	0.2888	0.7808	1.78	1.34	3.53	4.12	1.88	1.01	---	---	11
12	---	---	0.2888	0.8208	1.72	1.43	3.57	3.93	1.74	0.984	---	---	12
13	---	---	0.2898	0.9808	1.75	1.88	3.88	3.78	1.67	0.980	---	---	13
14	---	---	0.2908	1.10 B	1.88	1.78	4.21	3.88	1.71	0.985	---	---	14
15	---	---	0.2828	1.22 B	1.88	1.80	5.09	3.39	1.88	0.942	---	---	15
16	---	---	0.2948	1.32 B	1.89	1.82	5.87	3.32	1.89	0.914	---	---	16
17	---	---	0.2888	1.40 B	1.80	1.77	5.81	3.15	1.88	0.918	---	---	17
18	---	---	0.2978	1.48 B	1.43	1.78	7.57	3.10	1.88	0.918	---	---	18
19	---	---	0.2898	1.55	1.43	1.88	8.30	3.05	1.81	0.906	---	---	19
20	---	---	0.3008	1.58	1.38	1.88	8.88	3.02	1.48	0.878	---	---	20
21	---	---	0.3028	1.82	1.33	1.84	8.84	3.02	1.48	0.848	---	---	21
22	---	---	0.3048	1.84	1.33	1.82	8.84	3.03	1.38	0.8388	---	---	22
23	---	---	0.3088	1.88	1.33	1.82	8.89	3.12	1.38	0.8308	---	---	23
24	---	---	0.3088	1.89	1.19	1.88	8.78	3.08	1.38	0.8288	---	---	24
25	---	---	0.3108	1.70	1.14	1.81	8.54	3.00	1.30	0.8238	---	---	25
26	---	---	0.3128	1.71	1.09	1.82	8.28	2.88	1.30	0.8188	---	---	26
27	---	---	0.3168	1.78	1.07	1.81	8.08	2.78	1.31	0.8108	---	---	27
28	---	---	0.3198	1.84	1.08	1.73	7.88	2.74	1.28	0.8028	---	---	28
29	---	---	0.3248	1.89	1.02	1.83	7.39	2.84	1.20	0.7888	---	---	29
30	---		0.3288	1.88	0.984	2.07	7.23	2.80	1.13	0.7808	---	---	30
31	---		0.3328		1.03		8.83	2.38		0.7928			31
TOTAL	---	---	8.233	34.282	47.884	44.88	173.82	120.18	50.78	29.237	---	---	TOTAL
MEAN	---	---	0.288	1.14	1.53	1.48	5.80	3.88	1.89	0.943	---	---	MEAN
MAX	---	---	0.332	1.89	2.02	2.07	8.84	6.77	2.39	1.18	---	---	MAX
MIN	---	---	0.278	0.340	0.984	1.01	2.18	2.38	1.13	0.782	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.08
MAXIMUM DAILY, 8.84 ON JUL 21
MINIMUM DAILY, 0.2788 ON MAR 1
MAXIMUM INSTANTANEOUS,
8.88 AT 16:53 MST ON JUL 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 40 25 N
LONG 111 05 00 W
DRAINAGE AREA, 1 280 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15 000
FEB	---	AUG	10 400
MAR	738	SEP	4 380
APR	2 980	OCT	2 530
MAY	4 110	NOV	---
JUN	3 880	DEC	---

TOTAL DISCHARGE, 44 000 dam³

JACKPINE CREEK AT WADLIN LAKE ROAD - STATION NO. 07JD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0288	0.0188	8.82	7.44	5.78	2.87	1.23	0.838	0.8708	---	1
2	---	---	0.0278	0.0178	10.0	8.48	6.67	2.58	1.08	0.842	0.8728	---	2
3	---	---	0.0258	0.0178	10.5	8.40	7.61	2.30	1.02	0.828	---	---	3
4	---	---	0.0248	0.0188	10.8	8.48	8.80	2.17	0.988	0.830	---	---	4
5	---	---	0.0228	0.0188	10.0	8.88	12.4	2.01	0.788	0.817	---	---	5
6	---	---	0.0228	0.0188	8.42	8.04	12.8	1.78	0.772	0.897	---	---	6
7	---	---	0.0218	0.0188	8.71	7.28	12.5	1.82	0.748	0.877	---	---	7
8	---	---	0.0218	0.0188	7.86	6.83	12.3	1.48	0.703	0.880	---	---	8
9	---	---	0.0208	0.0278	7.13	6.40	11.2	1.38	0.880	0.783	---	---	9
10	---	---	0.0208	0.0508	8.82	8.70	10.6	1.22 A	0.858	0.788	---	---	10
11	---	---	0.0208	0.0558	8.42	8.41	10.8	1.12 A	0.858	0.734	---	---	11
12	---	---	0.0198	0.0608	8.24	5.93	10.4	1.01 A	0.888	0.705	---	---	12
13	---	---	0.0198	0.1318	8.03	5.70	10.0	0.941A	0.800	0.878	---	---	13
14	---	---	0.0188	0.8018	8.72	5.50	10.2	0.930A	0.811	0.885	---	---	14
15	---	---	0.0188	1.52 B	8.21	5.42	10.3	0.883A	0.828	0.826	---	---	15
16	---	---	0.0188	5.51 B	4.88	5.18	9.78	0.848A	0.707	0.824	---	---	16
17	---	---	0.0178	18.0 B	4.81	4.58	9.36	0.838A	0.745	0.843	---	---	17
18	---	---	0.0178	19.0 E	5.42	4.08	11.5	0.852A	0.885	0.840	---	---	18
19	---	---	0.0188	21.7 E	5.20	3.54	13.8	0.871A	0.843	0.823	---	---	19
20	---	---	0.0188	20.8 A	5.08	2.98	14.5	0.812A	0.888	0.828	---	---	20
21	---	---	0.0188	18.0	5.02	2.80	13.4	0.841A	0.874	0.830E	---	---	21
22	---	---	0.0158	17.5	4.95	2.31	11.1	0.830A	0.859	0.820E	---	---	22
23	---	---	0.0148	15.5	4.78	2.18	8.98	1.13 A	0.885	0.840E	---	---	23
24	---	0.0388	0.0138	13.3	4.82	1.95	7.80	1.18	0.788	0.870E	---	---	24
25	---	0.0368	0.0128	11.8	4.47	1.70	8.88	1.10	0.842	0.890E	---	---	25
26	---	0.0358	0.0108	10.6	4.27	1.53	8.02	1.01	0.870	0.7108	---	---	26
27	---	0.0338	0.0088	10.3	4.15	1.51	5.33	0.939	0.880	0.7208	---	---	27
28	---	0.0328	0.0088	10.3	4.84	1.53	4.70	0.884	0.851	0.7008	---	---	28
29	---	0.0308	0.0088	9.86	5.28	1.80	4.07	0.889	0.859	0.8208	---	---	29
30	---		0.0108	8.88	8.80	3.18	3.48	0.880	0.893	0.8158	---	---	30
31	---		0.0118		7.18		3.08	0.979		0.8408		---	31
TOTAL	---	---	0.533	213.138	201.83	148.13	287.05	39.058	23.230	22.875	---	---	TOTAL
MEAN	---	---	0.017	7.10	6.51	4.94	9.26	1.28	0.774	0.731	---	---	MEAN
MAX	---	---	0.028	21.7	10.8	8.48	14.5	2.87	1.23	0.842	---	---	MAX
MIN	---	---	0.008	0.018	4.15	1.53	3.08	0.841	0.800	0.818	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.62
MAXIMUM DAILY, 21.7E ON APR 19
MINIMUM DAILY, 0.0088 ON MAR 27
MAXIMUM INSTANTANEOUS,
23.4 ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 11 35 N
LONG 115 45 00 W
DRAINAGE AREA, 882 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	24 800
FEB	---	AUG	3 370
MAR	48.1	SEP	2 010
APR	10 400	OCT	1 980
MAY	17 400	NOV	---
JUN	12 800	DEC	---

TOTAL DISCHARGE, 80 800 dam³

REMARKS - PEAK FLOW WAS OBTAINED FROM HIGH WATER MARK. TIME UNKNOWN

JAMES RIVER NEAR SUNDRE - STATION NO. 05CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.25 B	2.469	2.13	1.84	3.42	5.85	2.47	2.54	2.08B	---	1
2	---	---	1.18 B	2.559	1.88	1.55	3.84	15.4	2.34	2.32	2.10	---	2
3	---	---	1.11 B	2.509	1.86	1.32	2.35	10.6	2.21	2.18	1.83A	---	3
4	---	---	1.06 B	2.429	1.88	1.27	2.51	7.44	2.08	2.86	---	---	4
5	---	---	1.00 B	2.359	1.87	1.29	2.78	5.70	1.99	2.83	---	---	5
6	---	---	0.880B	2.269	1.98	*1.82	5.85	4.93	1.83	2.71	---	---	6
7	---	---	0.940B	2.209	2.02	1.77	10.6	5.75	1.91	2.59	---	---	7
8	---	---	1.15 B	2.119	2.12	2.80	6.86	5.83	1.88	2.48	---	---	8
9	---	---	1.35 B	2.019	2.27	7.18	4.98	4.72	1.88	2.37	---	---	9
10	---	---	1.35 B	2.139	2.33	6.84	4.25	4.12	2.28	2.28	---	---	10
11	---	---	1.32 B	2.309	2.31	4.80	3.84	4.46	2.83	2.21	---	---	11
12	---	---	1.30 B	2.489	2.23	3.58	4.35	4.25	2.89	2.18	---	---	12
13	---	---	1.28 B	2.839	2.21	3.03	5.81	3.98	2.78	2.13	---	---	13
14	---	---	1.24 B	3.089	2.10	2.78	4.22	3.22	2.58	2.11	---	---	14
15	---	---	1.22 B	3.489	1.98	2.47	3.52	3.08	2.35	2.08	---	---	15
16	---	---	1.18 B	4.389	1.80	2.21	3.10	4.51	2.80	2.21	---	---	16
17	---	---	1.15 B	4.48	1.73	1.98	2.77	5.25	5.50	2.24	---	---	17
18	---	---	1.12 B	4.14	1.67	1.78	2.58	5.10	5.51	2.18	---	---	18
19	---	---	1.10 B	4.04	1.58	1.62	2.49	5.63	4.82	2.08	---	---	19
20	---	---	1.13 B	5.45	1.45	1.52	2.31	5.72	5.86	2.04	---	---	20
21	---	---	1.27 B	5.05	1.41	1.48	2.08	5.46	5.85	2.02	---	---	21
22	---	---	1.48 B	4.16	1.39	1.42	1.83	5.02	4.77	2.02	---	---	22
23	---	---	1.42 B	3.83	1.35	1.37	1.71	4.82	4.20	2.02	---	---	23
24	---	---	1.37 B	3.17	1.35	1.30	1.64	4.09	4.25	2.04	---	---	24
25	---	0.814B	1.33 B	2.83	1.33	1.20	1.63	3.72	4.38	2.04	---	---	25
26	---	1.05 B	1.27 B	2.33	1.27	1.14	1.45	3.49	4.39	2.05	---	---	26
27	---	1.40 B	1.25 B	2.26	1.21	1.13	1.32	3.28	4.07	1.95B	---	---	27
28	---	1.35 B	1.24 B	2.31	1.17	1.42	1.28	3.08	3.83	1.81B	---	---	28
29	---	1.32 B	1.26 B	2.55	1.26	2.47	1.29	2.84	3.86	1.98B	---	---	29
30	---		1.35 B	2.46	1.36	3.86	1.30	2.78	3.89	1.98B	---	---	30
31	---		1.85 B		1.61		1.33	2.85		2.10B		---	31
TOTAL	---	---	38.480	81.89	54.03	69.33	100.80	139.00	101.72	71.85	---	---	TOTAL
MEAN	---	---	1.24	3.08	1.74	2.31	3.24	5.45	3.38	2.31	---	---	MEAN
MAX	---	---	1.85	5.45	2.33	7.18	10.6	15.4	5.86	3.84	---	---	MAX
MIN	---	---	0.940	2.01	1.17	1.13	1.28	2.85	1.88	1.81	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.84
MAXIMUM DAILY, 15.4 ON AUG 2
MINIMUM DAILY, 0.940B ON MAR 7
MAXIMUM INSTANTANEOUS,
17.0 AT 04:30 MST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 55 37 N
LONG 114 41 04 W
DRAINAGE AREA, 831 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 880
FEB	---	AUG	14 800
MAR	3 330	SEP	8 790
APR	7 840	OCT	6 190
MAY	4 670	NOV	---
JUN	5 990	DEC	---

TOTAL DISCHARGE, 80 200 dam³

JAYDOT RESERVOIR NEAR JAYDOT - STATION NO. 11AB088

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	920.483	920.473	920.333	920.145	919.951	919.747	919.537	919.430	---	---	1
2	---	---	920.484	920.474	920.332	920.139	919.947	919.735	919.532	919.429	---	---	2
3	---	---	920.485	920.470	920.324	920.134	919.940	919.728	919.532	919.418	---	---	3
4	---	---	920.472	920.463	920.313	920.128	919.945	919.725	919.528	919.414	---	---	4
5	---	---	920.475	920.480	920.311	920.118	919.961	919.721	919.522	919.417	---	---	5
6	---	---	920.476	920.467	920.315	920.107	919.982	919.714	919.512	919.415	---	---	6
7	---	---	920.478	920.455	920.308	920.100	919.955	919.702	919.511	919.413	---	---	7
8	---	---	920.478	920.440	920.303	920.087	919.951	919.699	919.502	919.411	---	---	8
9	---	---	920.486	920.435	920.298	920.075	919.945	919.693	919.502	919.408	---	---	9
10	---	---	920.484	920.432	920.290	920.070	919.933	919.683	919.495	919.405	---	---	10
11	---	---	920.478	920.433	920.285	920.064	919.923	919.674	919.491	919.403	---	---	11
12	---	---	920.477	920.425	920.278	920.038	919.913	919.676	919.478	919.402	---	---	12
13	---	---	920.476	920.420	920.267	920.047	919.903	919.672	919.491	919.401	---	---	13
14	---	---	920.478	920.414	920.259	920.048	919.897	919.657	919.479	919.397	---	---	14
15	---	---	920.478	920.415	920.253	920.038	919.893	919.652	919.478	919.391	---	---	15
16	---	---	920.476	920.415	920.248	920.038	919.888	919.647	919.478	919.392	---	---	16
17	---	---	920.478	920.405	920.248	920.027	919.873	919.634	919.471	919.387	---	---	17
18	---	---	920.477	920.404	920.238	920.011	919.867	919.629	919.471	919.384	---	---	18
19	---	---	920.477	920.401	920.227	919.988	919.882	919.623	919.472	919.388	---	---	19
20	---	---	920.478	920.392	920.230	919.988	919.886	919.615	919.473	919.385	---	---	20
21	---	---	920.475	920.385	920.228	919.983	919.849	919.609	919.488	919.378	---	---	21
22	---	---	920.471	920.382	920.218	919.981	919.841	919.603	919.488	919.376	---	---	22
23	---	---	920.467	920.380	920.215	919.975	919.825	919.599	919.485	919.371	---	---	23
24	---	920.432A	920.467	920.371	920.208	919.974	919.818	919.595	919.484	919.373	---	---	24
25	---	920.435	920.463	920.366	920.200	919.970	919.810	919.585	919.449	919.368	---	---	25
26	---	920.444	920.466	920.365	920.197	919.971	919.803	919.584	919.448	919.365	---	---	26
27	---	920.452	920.476	920.358	920.186	919.967	919.794	919.573	919.440	919.359	---	---	27
28	---	920.458	920.474	920.353	920.178	919.964	919.783	919.566	919.443	919.364	---	---	28
29	---	920.463	920.467	920.350	920.178	919.962	919.774	919.563	919.442	919.381	---	---	29
30	---		920.466	920.339	920.172	919.955	919.767	919.555	919.439	919.366	---	---	30
31	---		920.469		920.165		919.767	919.545		919.367A		---	31
MEAN	---	---	920.473	920.411	920.251	920.038	919.877	919.645	919.481	919.390	---	---	MEAN
MAX	---	---	920.486	920.474	920.333	920.145	919.982	919.747	919.537	919.430	---	---	MAX
MIN	---	---	920.463	920.339	920.165	919.955	919.767	919.545	919.439	919.361	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 920.489 ON MAR 9

MAXIMUM INSTANTANEOUS,
920.493 AT 13:44 CST ON MAR 8

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 32 N
LONG 110 00 52 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
19.7 km²

JOHNSTON CREEK NEAR THE MOUTH - STATION NO. 08BA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.871	4.84	4.00	3.59	1.56	1.28	0.8808	---	1
2	---	---	---	---	0.816	4.28	5.03	3.85	1.51	1.33	0.8678	---	2
3	---	---	---	---	0.778	4.86	5.83	3.80	1.50	1.32	---	---	3
4	---	---	---	---	0.768	5.23	5.33	3.63	1.51	1.28	---	---	4
5	---	---	---	---	0.738	5.60	5.51	3.48	1.49	1.28	---	---	5
6	---	---	---	---	0.785	10.8	7.70	3.11	1.48	1.24	---	---	6
7	---	---	---	---	0.782	20.1	6.87	2.85	1.54	1.20	---	---	7
8	---	---	---	---	0.859	24.6	6.31	2.81	1.38	1.18	---	---	8
9	---	---	---	---	1.56	12.3	5.87	2.70	1.28	1.13	---	---	9
10	---	---	---	---	2.18	8.31	5.42	2.86	1.28	1.11	---	---	10
11	---	---	---	---	2.50	7.28	5.44	2.48	1.22	1.09	---	---	11
12	---	---	---	---	4.30	6.90	6.08	2.32	1.16	1.08	---	---	12
13	---	---	---	---	5.43	6.43	6.48	2.22	1.14	1.04	---	---	13
14	---	---	---	---	4.80	6.53	6.84	2.26	1.11	1.08	---	---	14
15	---	---	---	---	3.89	6.29	4.81	2.20	1.11	1.15	---	---	15
16	---	---	---	---	4.10	8.13	4.34	2.18	1.19	1.18	---	---	16
17	---	---	---	---	5.06	9.51	3.82	2.12	1.23	1.12 A	---	---	17
18	---	---	---	---	4.01	8.40	3.81	2.09	1.16	1.15 A	---	---	18
19	---	---	---	1.78 A	3.33	8.58	3.43	2.08	1.16	1.09 A	---	---	19
20	---	---	---	1.44	3.08	8.83	3.34	2.06	1.13	0.998A	---	---	20
21	---	---	---	1.31	3.24	8.09	3.23	2.02	1.06	0.928E	---	---	21
22	---	---	---	1.19	4.71	8.46	3.14	1.88	1.06	1.11 A	---	---	22
23	---	---	---	1.14	8.18	8.77	2.84	1.83	1.07	0.957A	---	---	23
24	---	---	---	1.05	7.06	8.62	2.72	1.72E	1.11	0.788E	---	---	24
25	---	---	---	0.955	8.83	8.10	2.62	1.77E	1.10	0.780B	---	---	25
26	---	---	---	0.838	8.88	8.80	2.88	2.04	1.06	0.748B	---	---	26
27	---	---	---	0.846	8.88	8.81	2.48	1.83	1.06	0.748B	---	---	27
28	---	---	---	0.898	8.06	8.27	2.27	1.77	1.00	0.748B	---	---	28
29	---	---	---	0.845	8.87	8.40	2.01	1.72	1.00	0.780B	---	---	29
30	---		---	0.826	8.10	4.87	1.76	1.76	1.18	0.780B	---	---	30
31	---		---		4.99		1.42	1.83		0.818B	---	---	31
TOTAL	---	---	---	---	110.648	223.89	133.93	73.80	38.87	32.448	---	---	TOTAL
MEAN	---	---	---	---	3.88	7.48	4.32	2.38	1.23	1.05	---	---	MEAN
MAX	---	---	---	---	8.18	24.6	8.08	3.85	1.88	1.33	---	---	MAX
MIN	---	---	---	---	0.738	4.28	1.42	1.83	1.00	0.748	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.32
MAXIMUM DAILY, 24.6 ON JUN 8
MINIMUM DAILY, 0.738 ON MAY 5
MAXIMUM INSTANTANEOUS,
51.6 AT 23:07 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 40 N
LONG 115 50 30 W
DRAINAGE AREA, 124 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 800
FEB	---	AUG	6 380
MAR	---	SEP	3 180
APR	---	OCT	2 800
MAY	8 580	NOV	---
JUN	19 300	DEC	---

TOTAL DISCHARGE, 52 900 dam³

JOSLYN CREEK NEAR FORT MACKAY - STATION NO. 07DA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.0328	12.7	2.88	2.00	0.383	0.228	0.452	0.2448	---	1
2	---	---	0.0108	0.0248	9.24	3.84	2.44	0.378	0.788	0.423	0.2678	---	2
3	---	---	0.0108	0.0288	8.80	4.88	2.18	0.384	0.878	0.389	0.2818	---	3
4	---	---	0.0088	0.0258	8.00	4.81	2.40	0.277	0.888	0.372	0.2698	---	4
5	---	---	0.0088	0.0288	4.87	3.73	3.07	0.214	0.482	0.348	---	---	5
6	---	---	0.0088	0.0288	4.83	2.87	3.14	0.182	0.413	0.318	---	---	6
7	---	---	0.0108	0.0288	3.71	2.57	5.88	0.177	0.384	0.300	---	---	7
8	---	---	0.0108	0.0288	3.53	2.28	9.88	0.187	0.288	0.281	---	---	8
9	---	---	0.0108	0.0288	3.41	2.02	9.00	0.188	0.228	0.277	---	---	9
10	---	---	0.0108	0.0308	3.04	1.83	8.83	0.178	0.243	0.281	---	---	10
11	---	---	0.0108	0.0328	2.80	1.82	8.02	0.170	0.223	0.280	---	---	11
12	---	---	0.0108	0.0368	2.33	8.87	3.77	0.181	0.188	0.283	---	---	12
13	---	---	0.0108	0.0448	2.15	11.4	3.02	0.180	0.189A	0.281	---	---	13
14	---	---	0.0108	0.1338	1.87	8.47	3.72	0.181	0.182A	0.272	---	---	14
15	---	---	0.0108	0.4058	1.86	7.00	8.58	0.188	0.213A	0.272	---	---	15
16	---	---	0.0108	1.14 B	1.58	4.82	8.03	0.188	0.247A	0.288	---	---	16
17	---	---	0.0108	2.22 B	1.30	3.52	4.73	0.188	0.340	0.286	---	---	17
18	---	---	0.0108	1.88 B	1.31	2.82	3.48	0.182	0.443	0.270	---	---	18
19	---	---	0.0108	1.27 B	1.22	2.13	2.87	0.178	0.378	0.277	---	---	19
20	---	---	0.0118	1.58 B	1.15	1.70	2.05	0.182	0.332	0.281	---	---	20
21	---	---	0.0118	1.81 B	1.10	1.38	1.75	0.358	0.304	0.283	---	---	21
22	---	---	0.0128	1.84 B	1.08	1.18	1.78	0.430	0.287	0.2808	---	---	22
23	---	---	0.0148	2.04 B	0.893	1.02	1.39	0.508	0.310	0.2808	---	---	23
24	---	---	0.0148	2.82 B	0.880	0.914	1.11	0.438	0.342	0.2458	---	---	24
25	---	---	0.0148	3.70 B	0.790	0.788	0.927	0.328	0.310	0.2508	---	---	25
26	---	---	0.0148	5.44 B	0.771	0.884	0.798	0.281	0.294	0.2458	---	---	26
27	---	---	0.0158	8.17	0.888	0.806	0.705	0.234	0.278	0.2358	---	---	27
28	---	---	0.0188	7.62	0.895	0.821	0.588	0.212	0.257	0.2208	---	---	28
29	---	---	0.0188	10.1	0.743	0.722	0.515	0.192	0.244	0.2258	---	---	29
30	---		0.0198	11.8	0.851	1.23	0.437	0.182	0.333	0.2258	---	---	30
31	---		0.0208		1.28		0.395	0.249		0.2308	---	---	31
TOTAL	---	---	0.385	82.318	83.938	80.482	88.853	7.588	8.908	8.837	---	---	TOTAL
MEAN	---	---	0.012	2.08	2.71	3.02	3.19	0.244	0.330	0.288	---	---	MEAN
MAX	---	---	0.020	11.8	12.7	11.4	9.88	0.508	0.788	0.452	---	---	MAX
MIN	---	---	0.008	0.022	0.885	0.821	0.395	0.180	0.189	0.220	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 12.7 ON MAY 1
MINIMUM DAILY, 0.0088 ON MAR 4
MAXIMUM INSTANTANEOUS,
13.3 AT 11:34 MST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 18 27 N
LONG 111 44 30 W
DRAINAGE AREA, 257 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 850
FEB	---	AUG	654
MAR	31.5	SEP	858
APR	5 380	OCT	771
MAY	7 250	NOV	---
JUN	7 820	DEC	---

TOTAL DISCHARGE, 31 300 dam³

REMARKS - PEAK FLOW WAS CONSIDERED FAIR BECAUSE OF LARGE LEVEL FLUCTUATIONS DURING THE PEAK PERIOD

JUMPINGPOUND CREEK NEAR COX HILL - STATION NO. 05BH013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.178	0.502	0.218	0.301	0.408	0.800	0.209	---	1
2	---	---	---	---	0.184	0.478	0.221	0.868	0.382	0.781	0.188	---	2
3	---	---	---	---	0.182	0.446	0.218	0.770	0.382	0.688	0.181A	---	3
4	---	---	---	---	0.148	0.422	0.208	0.751	0.348	0.834	---	---	4
5	---	---	---	---	0.147	0.426	0.266	0.888	0.324	0.889	---	---	5
6	---	---	---	---	0.178	0.443	0.239	0.833	0.308	0.847	---	---	6
7	---	---	---	---	0.221	0.811	0.198	0.813	0.288	0.809	---	---	7
8	---	---	---	---	0.330	0.871	0.180	0.838	0.281	0.487	---	---	8
9	---	---	---	---	0.444	1.01	0.171	0.481	0.267	0.433	---	---	9
10	---	---	---	---	0.525	0.948	0.165	0.458	0.283	0.408	---	---	10
11	---	---	---	---	0.581	0.852	0.163	0.438	0.278	0.382	---	---	11
12	---	---	---	---	0.622	0.773	0.157	0.394	0.303	0.381	---	---	12
13	---	---	---	---	0.609	0.696	0.143	0.356	0.352	0.340	---	---	13
14	---	---	---	---	0.542	0.639	0.137	0.336	0.389	0.324	---	---	14
15	---	---	---	---	0.490	0.585	0.138	0.311	0.400	0.325	---	---	15
16	---	---	---	---	0.478	0.538	0.135	0.282	0.417	0.318	---	---	16
17	---	---	---	---	0.482	0.514	0.128	0.278	0.418	0.281	---	---	17
18	---	---	---	---	0.388	0.478	0.128	0.272	0.404	0.288	---	---	18
19	---	---	---	---	0.361	0.432	0.121	0.238	0.434	0.281	---	---	19
20	---	---	---	---	0.323	0.388	0.107	0.427	0.445	0.280	---	---	20
21	---	---	---	---	0.302	0.378	0.098	0.371	0.483	0.262	---	---	21
22	---	---	---	0.207A	0.305	0.341	0.092	0.327	0.483	0.243	---	---	22
23	---	---	---	0.206	0.310	0.322	0.083	0.303	0.501	0.229	---	---	23
24	---	---	---	0.189	0.278	0.295	0.086	0.282	0.510	0.216	---	---	24
25	---	---	---	0.149	0.283	0.278	0.083	0.312	0.535	0.204	---	---	25
26	---	---	---	0.190	0.248	0.262	0.077	0.871	0.588	0.200	---	---	26
27	---	---	---	0.198	0.243	0.264	0.076	0.585	0.825	0.204B	---	---	27
28	---	---	---	0.208	0.234	0.289	0.081	0.583	0.820	0.184B	---	---	28
29	---	---	---	0.238	0.284	0.273	0.076	0.529	0.702	0.154B	---	---	29
30	---		---	0.205	0.349	0.237	0.072	0.500	0.784	0.118	---	---	30
31	---		---		0.534		0.087	0.440		0.169		---	31
TOTAL	---	---	---	---	10.688	15.109	4.352	14.128	13.884	11.087	---	---	TOTAL
MEAN	---	---	---	---	0.345	0.504	0.140	0.456	0.428	0.358	---	---	MEAN
MAX	---	---	---	---	0.622	1.01	0.266	0.770	0.784	0.800	---	---	MAX
MIN	---	---	---	---	0.145	0.237	0.072	0.238	0.247	0.118	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.371
MAXIMUM DAILY, 1.01 ON JUN 8
MINIMUM DAILY, 0.072 ON JUL 30
MAXIMUM INSTANTANEOUS,
1.10 AT 00:20 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 09 N
LONG 114 58 14 W
DRAINAGE AREA, 36.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	378
FEB	---	AUG	1 220
MAR	---	SEP	1 110
APR	---	OCT	888
MAY	824	NOV	---
JUN	1 310	DEC	---

TOTAL DISCHARGE, 5 900 dam³

JUMPINGPOUND CREEK NEAR THE MOUTH - STATION NO. 05BH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0388	0.0218	0.1888	0.3308	0.885	0.882	0.880	0.483	0.898	1.58	0.5908	0.2558	1
2	0.0388	0.0218	0.1808	0.3508	0.584	1.00	0.884	1.22	0.841	1.67	0.5808	0.2808	2
3	0.0348	0.0218	0.1888	0.4008	0.567	0.888	0.587	2.31	0.801	1.52	0.5308	0.2658	3
4	0.0348	0.0228	0.2108	0.4808	0.553	0.828	0.815	1.78	0.772	1.39	0.5008	0.2708	4
5	0.0338	0.0228	0.2308	0.5408	0.848	0.881	0.712	1.33	0.733	1.32	0.4808	0.2758	5
6	0.0328	0.0238	0.2438	0.5808	0.745	1.01	0.888	1.20	0.701	1.27	0.4558	0.2788	6
7	0.0318	0.0238	0.2528	0.6208	0.848	1.22	0.857	1.22	0.821	1.18	0.4408	0.2778	7
8	0.0318	0.0238	0.2618	0.6588	0.978	1.84	0.758	1.18	0.805	1.13	0.4258	0.2808	8
9	0.0308	0.0248	0.2488	0.6908	0.938	2.18	0.831	1.04	0.824	1.07	0.4108	0.2808	9
10	0.0308	0.0258	0.2408	1.10 B	0.834	2.20	0.877	0.950	0.828	1.02	0.3908	0.2778	10
11	0.0288	0.0268	0.2328	1.15 B	0.851	2.80	0.818	1.03	0.784	0.988	0.3808	0.2758	11
12	0.0288	0.0308	0.2258	1.20 B	0.871	2.32	0.488	0.983	0.823	0.945	0.3708	0.2728	12
13	0.0288	0.0348	0.2228	1.15 B	1.00	1.83	0.429	0.908	0.836	0.904	0.3608	0.2708	13
14	0.0288	0.0378	0.2208	1.05 B	1.00	1.52	0.384	0.832	0.823	0.884	0.3458	0.2658	14
15	0.0278	0.0448	0.2288	0.9408	0.948	1.31	0.361	0.901	0.872	0.825	0.3358	0.2808	15
16	0.0278	0.0508	0.2508	0.817	0.884	1.15	0.327	0.850	0.852	0.811	0.3258	0.2568	16
17	0.0268	0.0588	0.2608	0.892	0.831	1.05	0.305	0.820	0.969	0.777	0.3208	0.2538	17
18	0.0268	0.0688	0.3008	0.858	0.806	1.01	0.305	0.854	1.15	0.747	0.3108	0.2508	18
19	0.0258	0.0788	0.3208	0.876	0.783	0.958	0.288	0.907	1.11	0.728	0.3058	0.2458	19
20	0.0258	0.0848	0.3308	1.04	0.714	0.876	0.258	1.01	1.15	0.705	0.3008	0.2408	20
21	0.0258	0.0988	0.3388	1.07	0.675	0.824	0.218	1.60	1.18	0.687	0.2858	0.2368	21
22	0.0248	0.1108	0.3458	1.01	0.623	0.784	0.188	1.84	1.17	0.657	0.2858	0.2308	22
23	0.0248	0.1258	0.3508	0.914	0.578	0.732	0.180	1.31	1.15	0.650	0.2708	0.2278	23
24	0.0248	0.1308	0.3458	0.837	0.588	0.681	0.173	1.08	1.34	0.659	0.2808	0.2248	24
25	0.0238	0.1338	0.3408	0.811	0.571	0.607	0.151	0.924	1.78	0.664	0.2508	0.2228	25
26	0.0238	0.1358	0.3378	0.747	0.547	0.574	0.124	1.07	1.84	0.698	0.2458	0.2208	26
27	0.0238	0.1408	0.3338	0.681	0.508	0.580	0.108	1.29	1.78	0.7308	0.2458	0.2198	27
28	0.0238	0.1478	0.3308	0.650	0.494	0.543	0.102	1.24	1.67	0.7208	0.2458	0.2188	28
29	0.0228	0.1558	0.3258	0.648	0.514	0.630	0.112	1.15	1.61	0.7008	0.2458	0.2178	29
30	0.0238		0.3208	0.655	0.587	0.740	0.108	1.02	1.61	0.6708	0.2608	0.2188	30
31	0.0228		0.3208		0.740		0.110	0.935		0.6308		0.2188	31
TOTAL	0.851	1.900	8.507	25.241	22.838	36.808	12.218	35.414	31.735	28.788	10.720	7.744	TOTAL
MEAN	0.027	0.068	0.274	0.841	0.737	1.22	0.384	1.14	1.08	0.928	0.357	0.250	MEAN
MAX	0.038	0.155	0.350	1.20	1.00	3.20	0.857	2.31	1.84	1.58	0.590	0.280	MAX
MIN	0.022	0.021	0.188	0.330	0.484	0.543	0.102	0.483	0.805	0.630	0.245	0.215	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.606
MAXIMUM DAILY, 3.20 ON JUN 10
MINIMUM DAILY, 0.0218 ON FEB 1
MAXIMUM INSTANTANEOUS,
3.52 AT 22:58 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 15 N
LONG 114 31 42 W
DRAINAGE AREA, 571 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	73.5	JUL	1 090
FEB	184	AUG	3 090
MAR	735	SEP	2 740
APR	2 180	OCT	2 490
MAY	1 970	NOV	828
JUN	3 180	DEC	669

TOTAL DISCHARGE, 19 200 dam³

KAKWA RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.188	4.678	38.4	58.4	70.3	18.2	11.2	11.7	11.88	---	1
2	---	---	3.208	4.888	31.0	54.4	57.2	18.2	10.8	11.8	---	---	2
3	---	---	3.308	4.878	27.4	50.0	53.9	17.6	10.3	11.2	---	---	3
4	---	---	3.328	4.908	25.5	50.3	48.6	18.2	9.88	10.7	---	---	4
5	---	---	3.258	4.888	23.9	55.9	45.9	15.8	9.71	10.4	---	---	5
6	---	---	3.208	4.808	22.9	72.9	48.6	18.8	9.88	9.98	---	---	6
7	---	---	3.108	4.778	24.5	103	48.1	16.8	10.0	9.87	---	---	7
8	---	---	3.008	5.208	28.0	107	48.0	15.5	10.7	9.58	---	---	8
9	---	---	2.938	5.658	41.4	109	40.8	15.7	10.7	9.28	---	---	9
10	---	---	3.198	5.918	66.8	94.5	37.5	15.8	10.2	9.20	---	---	10
11	---	---	3.118	5.678	88.8	106	39.9	18.8	9.59	9.08	---	---	11
12	---	---	2.978	6.848	104	113	56.8	18.7	9.10	9.10	---	---	12
13	---	---	2.888	6.488	122	89.6	49.4	15.9	8.88	9.11	---	---	13
14	---	---	3.788	8.138	117	80.2	39.9	14.8	8.23	9.11	---	---	14
15	---	---	3.698	13.7 E	96.7	76.2	34.5	14.4	8.08	9.14	---	---	15
16	---	---	3.778	17.6 E	81.1	77.4	30.5	14.1	7.88	9.74	---	---	16
17	---	---	3.178	21.3 E	76.6	76.9	27.4	14.1	7.88	9.78	---	---	17
18	---	---	3.068	20.9 E	73.0	73.7	25.5	14.6	7.84	9.74	---	---	18
19	---	---	3.378	22.3 E	81.7	70.1	23.6	14.4	7.85	9.47	---	---	19
20	---	---	3.478	23.9 E	84.4	81.4	22.3	14.7	7.73	9.28	---	---	20
21	---	---	4.038	25.7 E	48.6	84.3	21.7	13.8	7.53	9.85	---	---	21
22	---	---	4.278	27.6	51.6	80.1	21.4	13.5	7.30	10.4	---	---	22
23	---	3.228	4.088	27.6	55.8	51.6	21.5	13.0	7.24	10.8	---	---	23
24	---	3.208	3.868	28.0	51.7	51.6	21.3	12.5	7.18	11.4	---	---	24
25	---	3.158	4.318	28.3	72.5	47.9	20.4	12.1	7.00	11.3	---	---	25
26	---	3.088	4.248	27.5	88.3	44.7	21.5	11.8	6.82	11.2	---	---	26
27	---	3.008	4.118	27.0	84.6	48.2	22.3	11.6	6.72	11.7 E	---	---	27
28	---	2.958	4.008	28.6	83.4	50.8	22.0	11.4	6.78	10.7 E	---	---	28
29	---	3.158	3.958	33.5	87.4	72.1	21.0	11.3	6.81	10.1 E	---	---	29
30	---		4.228	38.6	87.2	90.6	19.6	11.3	7.27	11.0 E	---	---	30
31	---		4.158		81.8		18.7	11.1		11.8 E		---	31
TOTAL	---	---	109.88	482.44	1 917.3	2 143.8	1 080.4	451.7	257.09	317.88	---	---	TOTAL
MEAN	---	---	3.55	16.4	61.8	71.5	34.8	14.6	8.57	10.2	---	---	MEAN
MAX	---	---	4.31	38.6	122	113	70.3	18.2	11.2	11.8	---	---	MAX
MIN	---	---	2.88	4.57	22.8	44.7	18.7	11.1	6.72	9.08	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.8
MAXIMUM DAILY, 122 ON MAY 13
MINIMUM DAILY, 2.868 ON MAR 13
MAXIMUM INSTANTANEOUS,
137 AT 13:00 MST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 22 20 N
LONG 118 35 40 W
DRAINAGE AREA, 3 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	83 300
FEB	---	AUG	38 000
MAR	9 500	SEP	22 200
APR	42 500	OCT	27 400
MAY	185 000	NOV	---
JUN	185 000	DEC	---

TOTAL DISCHARGE, 585 000 dam³

KANANASKIS RIVER ABOVE PÓCATERRA CREEK - STATION NO. 05BF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.1	11.4	10.0	6.48	8.56	4.22	0.028	5.00	0.057	0.057	14.3	17.8	1
2	4.33	11.0	11.5	6.20	11.4	3.26	0.028	2.88	0.057	0.057	7.67	17.0	2
3	8.71	10.8	12.7	5.78	10.8	0.028	0.028	0.057	0.057	10.7	6.14	5.72	3
4	12.3	11.2	12.8	12.2	11.5	0.028	0.028	4.28	0.057	5.78	14.1	5.51	4
5	14.1	10.1	0.057	12.6	11.4	4.08	0.028	4.78	0.057	5.88	0.057	17.0	5
6	16.6	4.88	0.057	14.2	11.5	4.96	0.057	0.057	6.84	7.53	4.42	14.2	6
7	16.2	3.84	8.80	13.7	7.38	0.028	1.84	0.057	3.57	7.11	14.6	17.2	7
8	16.8	8.47	10.2	14.2	0.028	0.028	0.028	0.057	0.057	0.057	14.8	17.1	8
9	12.8	7.06	11.1	8.76	16.1	0.028	0.028	0.057	3.80	4.18	11.6	17.1	9
10	8.88	7.06	11.4	8.83	14.2	0.057	0.028	0.057	0.057	0.057	8.87	8.75	10
11	16.6	7.11	11.1	11.6	16.1	0.028	0.057	1.58	0.057	11.2	3.84	8.78	11
12	4.88	7.28	3.11	13.1	11.2	0.028	0.057	0.057	0.057	14.0	0.057	15.6	12
13	11.4	0.028	0.028	14.2	14.2	1.84	1.86	0.057	0.057	15.0	3.46	15.5	13
14	10.0	0.028	12.2	12.0	8.55	0.057	0.057	0.057	7.18	12.7	12.2	15.7	14
15	10.6	7.11	8.88	10.7	5.84	0.057	0.028	4.42	5.01	0.057	14.3	15.9	15
16	2.21	7.88	10.3	5.75	9.80	0.057	0.028	0.057	4.42	0.057	11.4	15.7	16
17	0.028	8.12	8.86	8.87	12.7	0.028	0.028	0.057	0.057	15.8	10.7	8.72	17
18	13.8	5.47	11.2	11.3	8.87	0.028	0.028	0.057	0.057	17.4	12.8	8.88	18
19	11.6	8.24	4.19	11.4	8.80	0.028	8.52	0.057	7.16	17.8	4.30	15.8	19
20	13.8	0.057	0.028	13.8	8.87	3.00	8.82	0.057	8.72	18.8	4.81	12.8	20
21	10.8	0.057	11.8	14.3	8.04	3.14	8.81	0.057	8.82	14.4	14.2	15.8	21
22	8.84	8.01	12.7	13.8	8.13	4.22	10.0	4.26	8.47	0.057	10.1	15.8	22
23	4.87	7.31	13.3	0.057	8.21	7.14	11.3	0.057	8.88	0.057	10.1	15.8	23
24	0.028	8.75	14.2	8.85	8.87	8.36	11.4	0.057	0.057	15.0	12.8	8.12	24
25	10.1	8.21	12.8	8.88	7.80	0.057	11.2	0.057	0.057	11.3	12.9	8.83	25
26	8.47	7.18	0.057	11.1	7.18	0.057	11.2	0.085	8.82	11.4	4.25	8.72	26
27	8.88	0.057	8.48	11.5	2.82	0.057	11.5	0.057	7.84	12.7	4.26	13.0	27
28	8.77	0.057	14.2	11.6	3.27	0.057	11.3	0.057	7.39	14.4	14.9	16.3	28
29	11.3	7.14	12.7	11.4	3.78	0.028	11.2	2.52	10.8	5.80	14.7	16.9	29
30	5.88		14.3	7.85	4.26	2.83	11.5	0.057	10.8	5.81	9.08	17.2	30
31	5.84		14.2		4.26		11.4	0.057		14.4		7.32	31
TOTAL	305.188	178.454	287.257	305.887	282.108	47.804	142.034	32.018	118.038	288.738	282.744	393.35	TOTAL
MEAN	9.84	8.15	9.27	10.2	9.48	1.59	4.58	1.03	3.93	9.70	9.42	12.7	MEAN
MAX	16.6	11.4	14.3	14.3	16.1	8.36	11.5	8.00	10.8	18.8	14.9	17.8	MAX
MIN	0.028	0.028	0.028	0.057	0.028	0.028	0.028	0.057	0.057	0.057	0.057	5.88	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.17
MAXIMUM DAILY, 18.8 ON OCT 20
MINIMUM DAILY, 0.028 ON JAN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 00 N
LONG 115 07 05 W
DRAINAGE AREA, 382 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 400	JUL	12 300
FEB	15 400	AUG	2 770
MAR	24 600	SEP	10 200
APR	28 400	OCT	23 300
MAY	22 800	NOV	24 400
JUN	4 110	DEC	34 000

TOTAL DISCHARGE, 227 000 dam³

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED SINCE 1932

KANANASKIS RIVER BELOW BARRIER DAM - STATION NO. 05BP025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.1	14.2	11.3	14.0	22.6	17.0	5.78	12.1	10.7	10.1	20.0	17.1	1
2	7.63	14.6	11.2	11.6	24.7	17.1	7.05	8.47	11.3	8.41	19.6	16.0	2
3	13.7	13.8	11.5	8.97	23.9	14.1	5.88	8.47	11.4	8.78	11.6	14.4	3
4	16.6	14.4	11.8	16.0	25.6	12.7	5.68	8.64	12.2	8.77	12.0	13.6	4
5	16.7	11.4	7.18	16.3	24.9	14.3	5.00	11.1	10.5	12.8	7.33	17.8	5
6	14.0	5.97	5.61	17.0	25.4	14.5	10.1	11.2	4.78	14.2	8.41	17.6	6
7	13.8	5.97	11.4	14.8	17.7	14.4	11.5	11.1	8.97	15.6	18.9	18.6	7
8	16.1	10.0	10.0	14.0	12.5	16.3	11.5	6.55	0.481	13.6	18.5	19.6	8
9	12.7	8.16	11.0	6.55	25.3	21.3	5.24	4.76	7.85	14.1	14.2	18.5	9
10	13.6	6.01	11.4	10.1	25.6	19.1	0.311	0.425	0.585	14.0	14.4	14.0	10
11	17.4	8.23	10.1	14.5	25.7	20.5	5.44	10.6	6.07	15.7	14.2	12.7	11
12	17.6	6.41	4.39	16.1	25.6	18.9	6.52	9.80	7.39	15.5	11.4	16.1	12
13	16.1	4.61	5.13	15.7	29.7	19.9	5.24	14.2	7.19	15.9	13.5	16.1	13
14	14.9	4.76	12.1	18.7	29.7	17.1	5.47	12.3	0.481	19.1	12.3	19.1	14
15	14.5	8.83	14.1	19.4	29.7	14.4	6.55	9.43	9.48	11.0	12.8	19.1	15
16	10.3	6.67	15.1	19.2	29.4	14.5	6.13	9.03	9.48	10.8	15.0	19.0	16
17	7.42	6.52	15.6	14.1	29.3	15.9	0.340	7.82	0.638	17.2	15.9	14.0	17
18	15.8	6.36	14.2	17.0	29.4	14.5	11.6	8.57	7.75	18.7	14.3	12.7	18
19	15.6	7.96	7.22	21.2	29.4	14.4	15.4	9.20	9.86	18.7	7.14	19.1	19
20	17.5	6.67	5.88	21.6	29.2	17.7	15.0	13.1	11.6	18.7	8.37	14.1	20
21	15.6	6.67	15.6	20.8	29.1	14.2	15.9	8.81	12.5	19.1	14.4	19.1	21
22	14.3	9.63	16.0	21.5	28.8	15.0	15.6	9.20	12.8	10.1	14.2	19.0	22
23	6.17	8.80	15.6	17.6	27.6	15.7	15.6	8.81	13.0	8.48	12.7	19.2	23
24	4.13	10.3	15.7	19.0	27.6	15.7	15.6	0.368	8.00	19.9	15.6	18.6	24
25	12.8	9.68	15.9	22.1	23.8	7.19	15.9	10.3	13.1	11.9	17.2	14.1	25
26	11.3	10.1	5.89	22.6	22.6	5.30	17.0	0.453	12.8	19.3	13.4	11.8	26
27	11.6	6.81	11.6	23.6	19.8	11.2	11.7	8.38	11.3	12.6	13.5	17.4	27
28	9.84	6.81	15.6	23.9	16.8	11.6	15.9	8.75	8.81	20.0	17.3	19.3	28
29	13.1	11.7	15.6	25.5	15.7	12.9	16.0	8.21	14.1	12.5	17.0	20.2	29
30	8.89		17.6	22.7	17.3	13.3	16.3	8.29	7.33	12.0	17.1	20.0	30
31	6.84		17.1		12.7		15.7	10.7		20.0		17.2	31
TOTAL	396.22	273.07	388.82	529.85	767.4	480.80	343.481	286.238	280.378	448.89	423.45	527.5	TOTAL
MEAN	12.8	9.42	11.9	17.7	24.8	16.0	11.1	8.58	8.88	14.5	14.1	17.0	MEAN
MAX	17.6	14.6	17.6	25.5	29.7	21.3	17.0	14.2	14.1	20.0	20.0	20.2	MAX
MIN	4.13	4.76	4.39	8.88	12.7	5.30	0.311	0.368	0.481	8.41	7.14	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 29.7 ON MAY 13
MINIMUM DAILY, 0.311 ON JUL 10

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 30 N
LONG 115 01 55 W
DRAINAGE AREA, 899 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 200	JUL	29 700
FEB	23 600	AUG	23 000
MAR	31 800	SEP	22 600
APR	45 800	OCT	38 500
MAY	65 200	NOV	35 600
JUN	38 800	DEC	45 500

TOTAL DISCHARGE, 437 000 dam³

KEG RIVER AT HIGHWAY NO. 35 - STATION NO. 07NF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0268	0.0188	5.28	6.18	6.78	0.829	0.249	0.220	0.383	---	1
2	---	---	0.0268	0.0188	5.63	6.26	13.6	0.588	0.221	0.180	0.4078	---	2
3	---	---	0.0268	0.0178	4.64	5.17	12.7	0.511	0.243	0.180	0.438	---	3
4	---	---	0.0268	0.0188	4.18	4.47	8.87	0.488	0.220	0.222	0.420	---	4
5	---	---	0.0258	0.0188	4.28	4.02	7.12	0.513	0.189	0.243	---	---	5
6	---	---	0.0248	0.0308	8.02	3.80	5.81	0.492	0.113	0.218	---	---	6
7	---	---	0.0248	0.0218	8.48	3.38	5.88	0.537	0.117	0.184	---	---	7
8	---	---	0.0248	0.0218	8.32	3.28	5.88	0.588	0.108	0.202	---	---	8
9	---	---	0.0238	0.0268	8.16	3.38	4.77	0.543	0.085	0.172	---	---	9
10	---	---	0.0238	0.0878	8.83	8.63	4.03	0.531	0.073	0.151	---	---	10
11	---	---	0.0228	1.62 E	8.28	10.1	3.78	0.590	0.084	0.155	---	---	11
12	---	---	0.0228	1.50 E	4.61	8.63	3.86	0.765	0.084	0.155	---	---	12
13	---	---	0.0218	1.57 E	4.48	8.36	3.77	1.19	0.087	0.178	---	---	13
14	---	---	0.0218	1.60 E	4.22	8.31	3.94	1.02	0.087	0.193	---	---	14
15	---	---	0.0218	1.46 E	4.06	8.65	5.07	0.898	0.070	0.201	---	---	15
16	---	---	0.0208	1.43 E	3.74	5.15	5.45	0.810	0.140	0.298	---	---	16
17	---	---	0.0208	1.82 E	3.48	4.17	5.27	0.821	0.170	0.328	---	---	17
18	---	---	0.0198	2.40 E	3.25	3.58	4.70	0.765	0.174	0.384	---	---	18
19	---	---	0.0188	2.84 E	3.03	2.84	4.04	0.893	0.278	0.388	---	---	19
20	---	---	0.0188	2.67 E	2.89	2.43	3.41	0.725	0.258	0.380	---	---	20
21	---	---	0.0188	3.23 E	2.72	2.07	2.87	1.20	0.218	0.387	---	---	21
22	---	---	0.0188	3.68 E	2.57	1.78	2.63	1.40	0.208	0.383	---	---	22
23	---	---	0.0178	3.26 E	2.36	1.66	2.23	1.18	0.258	0.380	---	---	23
24	---	---	0.0178	3.24 E	2.57	1.38	1.99	0.838	0.238	0.383	---	---	24
25	---	0.0268	0.0178	3.38 E	2.88	1.23	1.81	0.742	0.258	0.387	---	---	25
26	---	0.0288	0.0178	3.36 E	2.84	1.07	1.58	0.610	0.272	0.3808	---	---	26
27	---	0.0278	0.0178	3.34 E	2.75	0.988	1.34	0.624	0.298	0.3808	---	---	27
28	---	0.0278	0.0178	3.33 E	2.78	0.894	1.11	0.612	0.254	0.376	---	---	28
29	---	0.0278	0.0178	3.53 E	4.22	0.951	0.918	0.378	0.232	0.380	---	---	29
30	---		0.0178	4.03 E	7.41	1.99	0.779	0.314	0.207	0.408	---	---	30
31	---		0.0178		11.0		0.885	0.301		0.388		---	31
TOTAL	---	---	0.839	51.959	138.26	123.633	136.240	21.737	5.383	8.780	---	---	TOTAL
MEAN	---	---	0.021	1.73	4.46	4.12	4.39	0.701	0.179	0.283	---	---	MEAN
MAX	---	---	0.026	4.03	11.0	10.1	13.6	1.40	0.298	0.408	---	---	MAX
MIN	---	---	0.017	0.018	2.36	0.894	0.885	0.301	0.057	0.151	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.89
MAXIMUM DAILY, 13.6 ON JUL 2
MINIMUM DAILY, 0.0188 ON APR 1
MAXIMUM INSTANTANEOUS,
16.0 AT 16:00 MST ON JUL 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 44 40 N
LONG 117 37 20 W
DRAINAGE AREA, 867 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 800
FEB	---	AUG	1 880
MAR	55.2	SEP	485
APR	4 490	OCT	787
MAY	11 900	NOV	---
JUN	10 700	DEC	---

TOTAL DISCHARGE, 43 000 dam³

KENNEDY COULEE NEAR ACADIA VALLEY - STATION NO. 05CK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	2.74	0	0	0	0	---	---	8
9	---	---	0	0	0	5.57	0	0	0	0	---	---	9
10	---	---	0	0	0	1.22	0	0	0	0	---	---	10
11	---	---	0	0	0	0.198	0	0	0	0	---	---	11
12	---	---	0	0	0	0.056	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	9.884	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0.329	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	5.57	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.040
MAXIMUM DAILY, 5.57 ON JUN 9
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
7.00 AT 11:00 MST ON JUN 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 05 45 N
LONG 110 15 31 W
DRAINAGE AREA, 939 km²

REGULATED SINCE 1985

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	851	DEC	---

TOTAL DISCHARGE, 851 dam³

REMARKS - PEAK DISCHARGE WAS DERIVED FROM GRAPH OF OBSERVED READINGS

KILLARNEY LAKE TRIBUTARY NEAR CHAUVIN - STATION NO. 05GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0018	0.001	0	0	0	0	0	---	---	1
2	---	---	0 B	0.001	0.001	0	0	0.001	0	0	---	---	2
3	---	---	0 B	0.001	0.001	0	0.001	0.001	0	0	---	---	3
4	---	---	0 B	0.001	0.001	0	0.001	0.001	0	0	---	---	4
5	---	---	0 B	0.001	0.001	0	0.008	0	0	0	---	---	5
6	---	---	0.0018	0.001	0.001	0	0.007	0	0	0	---	---	6
7	---	---	0.0038	0.001	0.001	0	0.005	0.001	0	0	---	---	7
8	---	---	0.0048	0.001	0.001	0	0.003	0.001	0	0	---	---	8
9	---	---	0.0058	0.001	0.001	0.003	0.001	0	0	0	---	---	9
10	---	---	0.0068	0.001	0.001	0.002	0.001	0	0	0	---	---	10
11	---	---	0.0048	0.001	0.001	0.001	0	0	0	0	---	---	11
12	---	---	0.0048	0.001	0.001	0	0	0	0	0	---	---	12
13	---	---	0.0048	0.001	0.001	0	0	0	0	0.001	---	---	13
14	---	---	0.0048	0.001	0.001	0	0.001	0	0	0.001	---	---	14
15	---	---	0.0038	0.001	0.001	0	0.002	0	0	0.001	---	---	15
16	---	---	0.0038	0.001	0.001	0	0.002	0	0	0.001	---	---	16
17	---	---	0.0038	0.001	0	0	0.001	0	0	0.001	---	---	17
18	---	---	0.0028	0.001	0	0	0.001	0.020	0	0.001	---	---	18
19	---	---	0.0028	0.001	0	0	0	0.042	0	0.001	---	---	19
20	---	---	0.0028	0.001	0	0	0	0.013	0	0.001	---	---	20
21	---	---	0.0028	0.001	0	0	0	0.012	0	0.001	---	---	21
22	---	0B	0.0028	0.001	0	0	0	0.008	0	0.001	---	---	22
23	---	0B	0.0028	0.001	0	0	0	0.005	0	0.001	---	---	23
24	---	0B	0.0018	0.001	0	0.001	0	0.003	0	0.001	---	---	24
25	---	0B	0.0018	0.001	0	0.001	0	0.001	0	0.001	---	---	25
26	---	0B	0.0018	0.001	0	0.001	0	0.001	0	0.001	---	---	26
27	---	0B	0.0018	0.001	0	0	0	0.001	0	0.001	---	---	27
28	---	0B	0.0018	0.001	0	0.001	0	0.001	0	0.001	---	---	28
29	---	0B	0.0018	0.001	0	0.034	0	0	0	0.001	---	---	29
30	---		0.0018	0.001	0	0.001	0	0	0	0.001	---	---	30
31	---		0.0018		0		0	0		0.001A		---	31
TOTAL	---	---	0.063	0.030	0.018	0.045	0.034	0.113	0	0.018	---	---	TOTAL
MEAN	---	---	0.002	0.001	0.001	0.002	0.001	0.004	0	0.001	---	---	MEAN
MAX	---	---	0.005	0.001	0.001	0.034	0.008	0.042	0	0.001	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.042 ON AUG 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.240 AT 22:30 MST ON AUG 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 33 47 N
LONG 110 08 52 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.84
FEB	---	AUG	9.76
MAR	5.44	SEP	0
APR	2.59	OCT	1.84
MAY	1.35	NOV	---
JUN	3.89	DEC	---

TOTAL DISCHARGE, 27.8 dam³

REMARKS - BEAVER ACTIVITY AFFECTED THE ACCURACY OF PEAK FLOW

KLESKUN HILLS MAIN DRAIN NEAR GRANDE PRAIRIE - STATION NO. 07GE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.028	0	0	0.048	0	0	0	0	---	1
2	---	---	0 B	0.022	0	0	0.022	0	0	0	0	---	2
3	---	---	0 B	0.061	0	0	0.880	0	0	0	0	---	3
4	---	---	0 B	0.048	0	0	0.262	0	0	0	---	---	4
5	---	---	0 B	0.037	0	0	0.188	0	0	0	---	---	5
6	---	---	0 B	0.028	0	0.082	0.421	0	0	0	---	---	6
7	---	---	0.0018	0.023	0	0.014	0.088	0	0	0	---	---	7
8	---	---	0.0028	0.017	0	0.063	0.018	0	0	0	---	---	8
9	---	---	0.0888	0.018	0	0.018	0.011	0	0	0	---	---	9
10	---	---	0.1098	0.018	0	0.018	0.009	0	0	0	---	---	10
11	---	---	0.1328	0.021	0	0.550	0.007	0	0	0	---	---	11
12	---	---	0.2428	0.017	0	0.348	0.011	0	0	0	---	---	12
13	---	---	0.3808	0.008	0	0.078	0.008	0	0	0	---	---	13
14	---	---	0.1678	0.005	0	0.018	0.004	0	0	0	---	---	14
15	---	---	0.3208	0.004	0	0.008	0.003	0	0	0	---	---	15
16	---	---	0.3708	0.003	0	0.004	0.001	0	0	0	---	---	16
17	---	---	0.288	0.003	0	0.003	0.001	0	0	0	---	---	17
18	---	---	0.131	0.001	0	0.001	0.001	0.002	0	0	---	---	18
19	---	---	0.178	0.001	0.004	0.001	0.001	0.001	0	0	---	---	19
20	---	---	0.248	0.001	0.002	0.001	0	0	0	0	---	---	20
21	---	---	0.247	0.001	0.001	0.001	0	0	0	0	---	---	21
22	---	---	0.187	0.001	0.001	0.001	0	0	0	0	---	---	22
23	---	---	0.081	0.001	0.001	0	0	0	0	0	---	---	23
24	---	---	0.082	0.001	0.001	0	0	0	0	0	---	---	24
25	---	0B	0.038	0.001	0	0	0	0	0	0	---	---	25
26	---	0B	0.028	0.001	0	0	0	0	0	0	---	---	26
27	---	0B	0.018	0.001	0	0	0	0	0	0	---	---	27
28	---	0B	0.018	0.001	0	0	0	0	0	0	---	---	28
29	---	0B	0.017	0.001	0.001	0.028	0	0	0	0	---	---	29
30	---		0.010	0.001	0.001	0.374	0	0	0	0	---	---	30
31	---		0.018		0		0	0		0		---	31
TOTAL	---	---	3.343	0.382	0.012	1.801	1.877	0.003	0	0	---	---	TOTAL
MEAN	---	---	0.108	0.013	0	0.063	0.064	0	0	0	---	---	MEAN
MAX	---	---	0.380	0.061	0.004	0.550	0.880	0.002	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.030
MAXIMUM DAILY, 0.880 ON JUL 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.33 AT 05:30 MST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 13 28 N
LONG 118 27 37 W
DRAINAGE AREA, 31.6 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	171
FEB	---	AUG	0.28
MAR	288	SEP	0
APR	31.3	OCT	0
MAY	1.04	NOV	---
JUN	138	DEC	---

TOTAL DISCHARGE, 831 dam³

KNEEHILLS CREEK NEAR DRUMHELLER - STATION NO. 05CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.8308	0.018	0	0.022	1.54	0	0.004	0	---	1
2	---	---	0.0088	1.17	0.022	0	0.026	1.31	0	0.003	0A	---	2
3	---	---	0.0068	0.388	0.033	0	0.026	0.311	0	0.003	---	---	3
4	---	---	0 B	0.258	0.003	0	0.046	0.203	0	0.002	---	---	4
5	---	---	0.0438	0.208	0.002	0	0.143	0.175	0	0.001	---	---	5
6	---	---	0.0888	0.187	0.001	0	0.100	0.154	0	0	---	---	6
7	---	---	0.0128	0.184	0.002	0	0.032	0.208	0	0	---	---	7
8	---	---	0.0488	0.088	0.001	0.284	0.051	0.168	0	0	---	---	8
9	---	---	0.0728	0.083	0.001	0.377	0.060	0.185	0	0	---	---	9
10	---	---	0.1118	0.117	0.002	0.046	0.088	0.148	0	0	---	---	10
11	---	---	0.0708	0.128	0.001	0.008	0.062	0.822	0	0	---	---	11
12	---	---	0.0488	0.108	0	0.001	0.068	0.268	0	0	---	---	12
13	---	---	0.0348	0.080	0	0.008	0.062	0.188	0	0	---	---	13
14	---	---	0.0438	0.063	0	0.004	0.053	0.148	0	0	---	---	14
15	---	0 B	0.0888	0.021	0	0.003	0.048	0.113	0	0	---	---	15
16	---	0 B	0.0848	0.021	0	0.002	0.040	0.081	0	0	---	---	16
17	---	0 B	0.0748	0.014	0	0.002	0.041	0.062	0.008	0	---	---	17
18	---	0 B	0.1088	0.003	0	0.002	0.042	0.885	0.005	0	---	---	18
19	---	0 B	0.2228	0.001	0	0.001	0.038	1.30	0.007	0	---	---	19
20	---	0 B	0.2288	0.003	0	0	0.024	1.50	0.183	0	---	---	20
21	---	0 B	0.2578	0.004	0	0	0.011	0.878	0.017	0	---	---	21
22	---	0 B	0.3188	0.008	0	0	0.003	0.248	0.002	0	---	---	22
23	---	0 B	0.2868	0.012	0	0	0	0.122	0.004	0	---	---	23
24	---	0 B	0.1548	0.012	0	0	0	0.084	0.002	0	---	---	24
25	---	0 B	0.0888	0.007	0	0	0	0.031	0.043	0	---	---	25
26	---	0 B	0.0878	0.007	0	0	0	0.013	0.030	0	---	---	26
27	---	0 B	0.1528	0.008	0	0.001	0	0.003	0.051	0	---	---	27
28	---	0 B	0.1258	0.011	0	0.047	0	0.004	0.115	0	---	---	28
29	---	0.0128	0.0868	0.014	0	0.122	0	0.003	0.007	0	---	---	29
30	---		0.5038	0.014	0	0.248	0	0.001	0.004	0	---	---	30
31	---		0.1898		0		0.001	0		0		---	31
TOTAL	---	---	3.804	3.777	0.084	1.183	1.083	10.458	0.470	0.013	---	---	TOTAL
MEAN	---	---	0.118	0.128	0.003	0.039	0.034	0.350	0.016	0	---	---	MEAN
MAX	---	---	0.503	1.17	0.033	0.377	0.143	1.54	0.183	0.004	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 1.54 ON AUG 1
MINIMUM DAILY, 0B ON MAR 4
MAXIMUM INSTANTANEOUS,
8.13 AT 18:26 MST ON AUG 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 40 N
LONG 112 51 30 W
DRAINAGE AREA, 2 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	81.8
FEB	---	AUG	936
MAR	311	SEP	40.8
APR	338	OCT	1.12
MAY	7.28	NOV	---
JUN	190	DEC	---

TOTAL DISCHARGE, 1 820 dam³

KRAWCHUK DRAINAGE NEAR MCLENNAN - STATION NO. 07HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0138	0	0	0.004	0	0	0	---	---	1
2	---	---	---	0.0138	0	0	0	0	0	0	---	---	2
3	---	---	---	0.0128	0	0	0.004	0	0	0	---	---	3
4	---	---	---	0.0148	0	0	0.018	0	0	0	---	---	4
5	---	---	---	0.0098	0	0	0.028	0	0	0	---	---	5
6	---	---	---	0.0028	0	0.005	0.037	0	0	0	---	---	6
7	---	---	---	0.0018	0	0.208	0.048	0	0	0	---	---	7
8	---	---	---	0 B	0	0.113	0.038	0	0	0	---	---	8
9	---	---	---	0 B	0	1.42	0.023	0	0	0	---	---	9
10	---	---	---	0.0048	0	0.524	0.018	0	0	0	---	---	10
11	---	---	---	0.008	0	0.274	0.004	0	0	0	---	---	11
12	---	---	---	0	0	0.139	0.042	0	0	0	---	---	12
13	---	---	---	0	0	0.079	0.118	0	0	0	---	---	13
14	---	---	---	0	0.003	0.048	0.081	0	0	0	---	---	14
15	---	---	---	0.002	0.014	0.030	0.038	0	0	0	---	---	15
16	---	---	---	0.001	0.013	0.021	0.020	0	0	0	---	---	16
17	---	---	---	E	0.011	0.018	0.014	0	0	0	---	---	17
18	---	---	---	0	0.007	0.014	0.007	0	0	0	---	---	18
19	---	---	---	E	0.001	0.007	0	0	0	0	---	---	19
20	---	---	---	0	0	0	0	0	0	0	---	---	20
21	---	---	---	0	0	0	0	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0	0	0	0	---	---	25
26	---	---	---	0.002	0	0	0	0	0	0	---	---	26
27	---	---	---	0.003	0	0	0	0	0	0	---	---	27
28	---	---	---	0.001	0	0	0	0	0	0	---	---	28
29	---	---	---	0	0	0	0	0	0	0	---	---	29
30	---	---	0.0048	0	0	0	0	0	0	0	---	---	30
31	---	---	0.0118		0	0.008	0	0	0	0	---	---	31
TOTAL	---	---	---	0.082	0.055	2.904	0.548	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.003	0.002	0.097	0.018	0	0	0	---	---	MEAN
MAX	---	---	---	0.014	0.014	1.42	0.118	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 1.42 ON JUN 9
MINIMUM DAILY, 0B ON APR 8
MAXIMUM INSTANTANEOUS,
3.10 AT 12:44 MST ON JUN 9

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 57 00 N
LONG 117 02 00 W
DRAINAGE AREA, 12.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	47.3
FEB	---	AUG	0
MAR	---	SEP	0
APR	7.08	OCT	0
MAY	4.75	NOV	---
JUN	251	DEC	---

TOTAL DISCHARGE, 310 dam³

KVISKAP CREEK NEAR GRANUM - STATION NO. 05AB038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0	---	1
2	---	---	0	0	0	0	0	0	0	0	0	---	2
3	---	---	0	0	0	0	0	0	0	0	0	---	3
4	---	---	0	0	0	0	0	0	0	0	0A	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	0A	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0	0	0	0	0	0	---	---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 55 N
LONG 113 36 28 W
DRAINAGE AREA, 191 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

L.N.I.D. - MONARCH BRANCH CANAL (BELOW MONARCH HEADGATES) - STATION NO. 05AC028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	8.13	8.12	9.80	8.84	3.88	1.77	---	---	1
2	---	---	---	0	7.08	8.34	9.47	4.81	3.87	1.78	---	---	2
3	---	---	---	0	8.26	7.78	8.01	1.83	3.88	2.08	---	---	3
4	---	---	---	0	8.26	7.33	10.8	1.80	4.11	2.28	---	---	4
5	---	---	---	0	8.87	7.33	12.0	3.08	4.02	2.33	---	---	5
6	---	---	---	0	8.43	7.83	11.1	3.08	4.08	2.78	---	---	6
7	---	---	---	0	8.40	7.88	8.73	3.02	3.73	3.78	---	---	7
8	---	---	---	0	8.18	8.88	8.38	3.08	2.77	2.58	---	---	8
9	---	---	---	0	8.48	7.21	8.88	3.48	4.78	3.08	---	---	9
10	---	---	---	0	8.84	8.88	8.90	3.38	6.21	2.87	---	---	10
11	---	---	---	0	8.87	8.17	10.7	3.38	5.20	3.20	---	---	11
12	---	---	---	0	8.38	8.18	10.4	3.83	3.98	3.08	---	---	12
13	---	---	---	0	8.80	8.44	8.38	3.84	3.18	2.82	---	---	13
14	---	---	---	0	7.73	8.88	8.18	3.81	3.94	3.48	---	---	14
15	---	---	---	0	7.88	8.88	8.14	3.80	3.88	1.18A	---	---	15
16	---	---	---	0	8.88	7.84	8.87	4.28	2.88	0	---	---	16
17	---	---	---	0	8.78	7.71	8.83	4.48	2.88	0	---	---	17
18	---	---	---	0	10.2	7.82	10.1	4.20	2.78	0	---	---	18
19	---	---	---	0	10.4	7.73	10.4	3.88	2.88	0	---	---	19
20	---	---	---	0.310A	10.0	10.4	10.3	3.80	3.28	0	---	---	20
21	---	---	---	1.18	8.83	13.1	10.8	2.85	2.27	0	---	---	21
22	---	---	---	1.81	8.81	13.8	10.8	2.30	2.38	0	---	---	22
23	---	---	---	1.51	8.70	14.0	8.83	2.20	2.44	0	---	---	23
24	---	---	---	1.58	7.88	13.8	8.27	2.00	2.81	0	---	---	24
25	---	---	---	1.88	7.88	12.7	8.81	1.83	2.87	0	---	---	25
26	---	---	---	1.54	7.61	11.8	8.43	1.82	2.38	0	---	---	26
27	---	---	---	2.17	7.34	12.7	7.70	1.84	2.28	0	---	---	27
28	---	---	---	8.28	8.10	13.3	7.20	1.88	1.90	0	---	---	28
29	---	---	---	7.48	8.26	11.3	8.83	2.85	1.88	0	---	---	29
30	---		---	8.08	8.78	10.1	8.88	2.88	1.87	0	---	---	30
31	---		---		8.88		8.88	3.13		0		---	31
TOTAL	---	---	---	32.380	283.42	276.78	291.78	88.14	81.82	37.81	---	---	TOTAL
MEAN	---	---	---	1.08	8.47	9.23	9.41	2.84	3.08	1.22	---	---	MEAN
MAX	---	---	---	7.48	10.4	14.0	12.0	8.94	4.24	3.20	---	---	MAX
MIN	---	---	---	0	8.26	8.17	8.88	1.83	1.88	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.05
MAXIMUM DAILY, 14.0 ON JUN 23
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 00 N
LONG 113 12 00 W

A - MANUAL GAUGE

REGULATED

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25 200
FEB	---	AUG	7 620
MAR	---	SEP	7 940
APR	2 800	OCT	3 270
MAY	22 700	NOV	---
JUN	23 900	DEC	---

TOTAL DISCHARGE, 93 400 dam³

LA BICHE RIVER AT HIGHWAY NO. 63 - STATION NO. 07CA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.05 B	0.4788	0.7858	5.558	4.85	0.882	1.28	0.830	0.744	0.700	0.8288	0.8488	1
2	2.03 B	0.4708	0.8008	5.878	4.88	1.32	1.38	0.892	0.882	0.882	0.8828	0.8528	2
3	1.88 B	0.4788	0.8378	5.678	4.37	1.13	1.18	0.888	0.874	0.784	0.7038	0.8518	3
4	1.78 B	0.4828	0.8708	5.508	4.88	1.31	1.28	0.888	0.842	0.817	0.8468	0.8878	4
5	1.88 B	0.4878	0.9478	5.818	4.72	1.40	1.08	0.831	0.788	1.22	0.8918	0.8788	5
6	1.44 B	0.5888	0.9888	5.848	4.78	1.84	1.58	0.883	0.883	0.880	1.05 B	0.8788	6
7	1.38 B	0.5718	1.02 B	5.28	4.18	1.48	1.78	0.887	1.88	0.802	0.8078	0.8188	7
8	1.27 B	0.5858	1.14 B	4.88	4.84	1.81	1.82	0.831	0.805	0.772	0.7488	0.8338	8
9	1.18 B	0.5808	1.44 B	5.47	3.78	1.83	1.22	0.817	0.888	0.734	0.8448	0.8448	9
10	1.01 B	0.6128	1.57 B	5.88	3.78	1.88	0.932	0.828	0.435	0.783	0.8888	0.7888	10
11	0.8408	0.6528	1.67 B	5.88	3.48	2.31	0.938	0.822	0.841	0.888	0.8488	0.8018	11
12	0.8868	0.6388	1.71 B	6.87	3.47	2.74	1.00	0.802	0.833	0.788	M.8488	0.8048	12
13	0.8058	0.6188	1.60 B	6.80	3.38	2.00	1.10	0.878	0.707	0.833	0.9188	0.8068	13
14	0.8558	0.5868	1.67 B	7.07	3.14	1.88	1.13	0.888	0.838	0.822	M.8788	0.7878	14
15	0.8488	0.6008	1.94 B	6.80	2.78	1.80	1.22	0.873	0.843	0.748	M.8048	0.7828	15
16	0.8508	0.5948	2.08 B	6.20	3.13	1.88	1.38	0.822	0.717	0.840	0.8828	0.7708	16
17	0.8008	0.5988	2.21 B	6.21	2.88	1.77	1.37	0.488	0.846	0.728	0.8588	0.7838	17
18	0.4808	0.5988	2.33 B	6.28	2.43	1.71	1.22	0.882	0.853	0.718	0.8628	0.7768	18
19	0.4188	0.5828	2.37 B	6.18	2.88	1.88	1.17	0.837	0.878	0.884	0.8108	0.7838	19
20	0.3888	0.5858	2.52 B	5.87	2.84	1.44	1.02	0.815	0.838	0.774	0.8718	0.7888	20
21	0.4728	0.5528	2.66 B	5.85	2.32	1.18	0.972	1.03	0.884	0.887	0.8778	0.7488	21
22	0.4678	0.5018	2.82 B	5.62	2.42	1.18	0.988	1.08	0.812	0.788	1.01 B	0.8238	22
23	0.4888	0.4788	3.15 B	5.61	2.80	1.08	0.984	0.827	0.880	0.282	1.01 B	0.7888	23
24	0.4778	0.4488	3.40 B	5.28	1.93	1.12	0.844	0.888	0.888	0.834	0.8848	0.8408	24
25	0.4488	0.4408	3.48 B	5.32	1.84	0.837	0.788	0.888	0.811	0.888	0.8048	0.8848	25
26	0.4278	0.4788	4.03 B	5.25	1.87	0.888	0.880	0.888	0.888	0.7838	0.8148	0.8848	26
27	0.4238	0.8888	4.34 B	5.10	1.47	0.911	0.848	0.881	0.810	0.8888	0.8058	0.8748	27
28	0.4588	0.8448	4.22 B	5.00	1.45	0.871	0.808	0.888	1.13	0.8338	0.8188	0.8348	28
29	0.4748	0.7238	4.58 B	5.08	1.48	0.728	0.803	0.738	1.12	0.8938	0.8138	0.8538	29
30	0.4888		5.01 B	4.88	1.74	1.22	0.887	0.888	0.832	0.8088	0.8348	0.8078	30
31	0.4788		5.47 B		1.27		0.714	0.878		0.8448		0.9008	31
TOTAL	26.287	16.158	74.208	175.00	83.86	43.827	32.838	20.882	21.844	23.778	28.847	25.888	TOTAL
MEAN	0.848	0.557	2.39	5.83	3.02	1.46	1.06	0.883	0.731	0.736	0.885	0.828	MEAN
MAX	2.08	0.723	5.47	7.07	4.85	2.74	1.78	1.08	1.13	1.22	1.05	0.878	MAX
MIN	0.388	0.440	0.788	4.80	1.27	0.888	0.803	0.488	0.428	0.388	0.807	0.823	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 7.07 ON APR 14
MINIMUM DAILY, 0.3888 ON JAN 20
MAXIMUM INSTANTANEOUS,
7.18 AT 23:42 MST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 56 10 N
LONG 113 30 10 W
DRAINAGE AREA, 4 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 270	JUL	2 840
FEB	1 400	AUG	1 780
MAR	6 410	SEP	1 900
APR	15 100	OCT	1 870
MAY	6 080	NOV	2 320
JUN	3 770	DEC	2 210

TOTAL DISCHARGE, 50 100 dam³

LAC LA BICHE AT LAC LA BICHE - STATION NO. 07CA004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	543.012	---	542.987E	543.032	543.018	543.021	543.119	543.121	543.084	542.937E	542.913	542.908	1
2	543.012	---	542.987E	543.022	543.021	543.024	543.112	543.122	543.082	542.937E	542.913	542.908	2
3	543.015	---	542.987A	543.032	543.018	543.018	543.118	543.116	543.080	542.937E	542.910	542.909	3
4	543.018	---	542.976	543.027	543.012	543.021	543.118	543.122	543.070	542.937E	542.908	542.908	4
5	543.015	---	542.973	543.038	543.001	543.036	543.124	543.121	543.088A	542.937A	542.905	542.908	5
6	543.018	---	542.974	543.035	543.010	543.047	543.121	543.122	543.094E	542.944	542.923	542.907	6
7	543.015	---	542.971	543.035	543.009	543.044	543.141	543.129	543.119A	542.946	542.927	542.908	7
8	543.013	---	542.971	543.036	543.008	543.040	543.127	543.128	543.119A	542.942	542.915	542.912	8
9	543.013	---	542.976	543.033	543.010	543.042	543.116	543.125	543.072	542.942	542.908	542.914	9
10	543.013	---	542.988	543.029	543.011	543.047	543.108	543.131	543.070	542.942	542.905	542.910	10
11	543.014	---	542.023	543.025	543.010	543.088	543.097	543.147	543.085	542.939	542.909	542.912	11
12	543.008	---	543.048	543.020	543.010	543.089	543.110	543.155	543.082	542.937	542.902	542.911	12
13	543.010	---	543.045	543.018	543.008	543.083	543.119	543.151	543.082	542.940	542.909	542.916	13
14	543.011	---	543.044	543.014	543.027	543.083	543.119	543.137	543.059	542.940	542.909	542.916	14
15	543.005	---	543.041	543.012	543.026	543.053	543.124	543.149	543.058	542.942	542.907	542.917	15
16	543.005	---	543.038	543.013	543.021	543.083	543.128	543.142	543.085	542.943	542.907	542.918	16
17	543.005	---	543.034	543.013	543.025	543.083	543.125	543.134	543.085	542.941	542.907	542.918	17
18	543.007	---	543.036	543.010	543.025	543.070	543.125	543.145	543.044	542.935	542.905	542.919	18
19	543.005	---	543.035	543.010	543.027	543.088	543.133	543.144	543.035	542.932	542.906	542.919	19
20	543.005E	---	543.035	543.010	543.024	543.071	543.120	543.144	543.033	542.939	542.904	542.921	20
21	543.002E	---	543.035	543.010	543.022	543.070	543.122	543.126	543.029A	542.930	542.905	542.922	21
22	543.000E	---	543.034	543.009	543.012	543.058	543.130	543.125	---	542.956	542.900	542.920	22
23	543.000E	---	543.035	543.010	542.987	543.071	543.134	543.122	---	542.930	542.902	542.922	23
24	543.000E	---	543.038	543.010	543.010	543.078	543.121	543.113	---	542.931	542.905	542.924	24
25	543.000E	---	543.038	543.008	543.011	543.088	543.120	543.116	---	542.920	542.913	542.924	25
26	542.987A	---	543.035	543.005	543.007	543.073	543.118	543.111	---	542.947	542.916	542.926	26
27	542.985E	---	543.037	543.004	543.008	543.078	543.120	543.088	---	542.935	542.913	542.925	27
28	542.984E	---	543.034	543.002	543.000	543.078	543.120	543.088	---	542.920	542.914	542.925	28
29	542.982E	---	543.030	543.001	542.998	543.085	543.113	543.083	---	542.910	542.910	542.925	29
30	542.980E		543.028	543.010	543.018	543.123	543.128	543.098	---	542.910	542.907	542.928	30
31	542.980E		543.025		543.031		543.121	543.098		542.909		542.934	31
MEAN	543.008	---	543.015	543.018	543.014	543.089	543.120	543.125	---	542.935	542.908	542.917	MEAN
MAX	543.018	---	543.048	543.037	543.031	543.123	543.141	543.155	---	542.956	542.927	542.934	MAX
MIN	542.980	---	542.987	543.001	542.987	543.018	543.097	543.083	---	542.909	542.900	542.908	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 543.155 ON AUG 12
MINIMUM DAILY, 542.900 ON NOV 22
MAXIMUM INSTANTANEOUS,
543.189 AT 23:45 MST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 46 21 N
LONG 111 59 14 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW
DRAINAGE AREA,
4 330 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAC LA NONNE AT LAC LA NONNE - STATION NO. 07BB007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	683.526	---	683.518	683.486	683.618	683.584	683.524	683.483E	683.388	---	1
2	---	---	---	---	683.514	683.488	683.618	683.579	683.524	683.481	---	---	2
3	---	---	---	---	683.514	683.486	683.614	683.574	683.524	683.481	---	---	3
4	---	---	---	---	683.508E	683.488	683.614	683.588	683.520	683.469	---	---	4
5	---	---	---	683.528	683.498	683.494	683.614	683.588	683.520	683.481	---	---	5
6	---	---	---	---	683.498	683.484	683.638E	683.588	683.520	683.481	---	---	6
7	---	---	---	---	683.494	683.484	683.588	683.588	683.505	683.468	---	---	7
8	---	---	---	---	683.494	683.478	683.588	683.580	683.515	683.468	---	---	8
9	---	---	---	---	683.494	683.474	683.578	683.580	683.515	683.468	---	---	9
10	---	---	---	---	683.488	683.474	683.588	683.580	683.508	683.468	---	---	10
11	---	---	---	---	683.484	683.482E	683.588	683.580	683.501	683.461	---	---	11
12	---	---	---	---	683.484	683.490	683.588	683.581	683.498	683.461	---	---	12
13	---	---	---	---	683.485	683.490	683.588	683.848	683.484	683.461	---	---	13
14	---	---	---	---	683.490E	683.490	683.605	683.848	683.491	683.461	---	---	14
15	---	---	---	---	683.495	683.520	683.611	683.848	683.488	683.461	---	---	15
16	---	---	---	---	683.485	683.531	683.611	683.848	683.481	---	---	---	16
17	---	---	---	683.528	683.485	683.531	683.611	683.848	683.481	---	---	---	17
18	---	---	---	683.528	683.485	683.526	683.608	683.858	683.478	---	---	---	18
19	---	---	---	683.528	683.486	683.526	683.604	683.853	683.478	---	---	---	19
20	---	---	---	683.528	683.481	683.531	683.601	683.852	683.478	---	---	---	20
21	---	---	---	683.524	683.478	683.531	683.597	683.852	683.471	---	---	---	21
22	---	---	---	683.524	683.476	683.527	683.597	683.852	683.471	---	---	---	22
23	---	---	683.554	683.524	683.477E	683.522	683.597	683.847	683.488	---	---	---	23
24	---	---	---	683.524	683.477	683.522	683.597	683.848	683.488	---	---	---	24
25	---	---	---	683.524	683.477	683.527	683.597	683.848	683.471	---	---	---	25
26	---	---	---	683.522	683.475	683.522	683.593	683.843	683.488	---	---	---	26
27	---	---	---	683.524	683.472	683.522	683.588	683.843	683.488	---	---	---	27
28	---	---	---	683.524	683.472	683.518	683.588	683.843	683.488	---	---	---	28
29	---	---	---	683.519	683.477	683.518E	683.588	683.838	683.488	---	---	---	29
30	---		---	683.519	683.478	683.518	683.588	683.839	683.488	---	---	---	30
31	---		---		683.483		683.588	683.834		---		---	31
MEAN	---	---	---	---	683.488	683.508	683.598	683.853	683.490	---	---	---	MEAN
MAX	---	---	---	---	683.519	683.531	683.611	683.884	683.524	---	---	---	MAX
MIN	---	---	---	---	683.472	683.474	683.614	683.834	683.488	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 683.611 ON JUL 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 54 41 N
LONG 114 18 43 W

E - ESTIMATED
NATURAL FLOW
DRAINAGE AREA,
306 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAC STE. ANNE AT ALBERTA BEACH - STATION NO. 05EA005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	722.844	---	722.833	722.804	722.835	---	722.788	---	722.737	---	1
2	---	---	---	---	722.833	722.804	722.835	722.788	722.788	722.747	---	---	2
3	---	---	---	---	722.818	---	722.835	722.788	722.777	722.747	---	---	3
4	---	---	---	---	722.813	722.804	722.835	722.788	722.787	722.762	---	---	4
5	---	---	---	---	722.803	---	---	722.788	722.787	722.747	---	---	5
6	---	---	---	---	722.803	722.804	---	722.788	722.787	722.747	---	---	6
7	---	---	---	---	722.803	---	---	722.778	---	722.747	---	---	7
8	---	---	---	---	722.803	---	722.735	722.778	722.787	722.747	---	---	8
9	---	---	---	---	722.803	722.804	722.745	722.778	722.787	722.787	---	---	9
10	---	---	---	---	722.803	722.804	722.745	722.778	722.787	722.787	---	---	10
11	---	---	---	---	722.803	---	722.745	722.778	722.747	722.787	---	---	11
12	---	---	---	722.834	722.803	722.824	722.745	722.778	---	722.787	---	---	12
13	---	---	---	---	722.803	722.834	722.785	722.778	722.747	722.787	---	---	13
14	---	---	---	---	---	722.834	722.785	722.778	722.747	722.787	---	---	14
15	---	---	---	---	722.803	722.824	722.785	722.778	722.747	---	---	---	15
16	---	---	---	---	722.803	722.824	722.785	722.778	---	---	---	---	16
17	---	---	---	---	---	722.824	722.785	722.778	722.747	722.747	---	---	17
18	---	---	---	---	722.803	722.824	722.785	722.788	722.787	722.747	---	---	18
19	---	---	---	---	722.803	722.814	722.785	722.778	722.785	---	---	---	19
20	---	---	---	---	722.803	722.814	722.785	---	722.787	722.747	---	---	20
21	---	---	722.844	---	722.803	722.814	722.770	722.788	---	722.747	---	---	21
22	---	---	---	---	722.573	722.814	722.785	722.788	---	722.747	---	---	22
23	---	---	---	---	722.573	722.814	722.785	722.788	722.787	722.747	---	---	23
24	---	---	---	---	722.583	722.814	722.785	722.788	722.787	---	---	---	24
25	---	---	---	---	722.583	722.814	722.785	722.788	---	722.747	---	---	25
26	---	---	---	---	722.583	722.814	722.785	722.788	722.787	---	---	---	26
27	---	---	---	---	722.584	722.824	---	722.788	722.787	722.787	---	---	27
28	---	---	---	---	722.584	722.834	722.785	722.788	722.787	722.787	---	---	28
29	---	---	---	---	722.584	722.838	722.785	722.788	722.787	722.787	---	---	29
30	---		---	---	722.584	722.838	722.785	722.788	722.787	722.787	---	---	30
31	---		---		---		722.785	722.788		722.787		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 40 36 N
LONG 114 21 27 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 702 km²

LAFOND CREEK NEAR RED EARTH CREEK - STATION NO. 07JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0118	0.0588	4.26	1.77	1.11	2.31	0.128	0.481	0.4908	---	1
2	---	---	0.0128	0.0748	3.82	1.90	1.81	1.83	0.102	0.480	0.5508	---	2
3	---	---	0.0138	0.1588	3.41	1.83	2.72	1.47	0.087	0.438	---	---	3
4	---	---	0.0138	0.2548	3.10	1.36	3.28	1.42	0.085	0.427	---	---	4
5	---	---	0.0148	0.2248	2.88	1.32	3.80	1.27	0.088	0.419	---	---	5
6	---	---	0.0138	0.2038	2.83	1.18	4.78	1.13	0.110	0.418	---	---	6
7	---	---	0.0138	0.1638	2.71	1.12	6.84	1.02	0.138	0.408	---	---	7
8	---	---	0.0138	0.1438	2.48	1.09	9.28	0.877	0.074	0.408	---	---	8
9	---	---	0.0148	0.2038	2.33	1.18	14.3	0.761	0.082	0.380	---	---	9
10	---	---	0.0148	0.2088	2.10	1.27	14.8 A	0.808	0.080	0.372	---	---	10
11	---	---	0.0158	0.4308	1.88	1.42	12.7 A	0.738	0.081	0.372	---	---	11
12	---	---	0.0188	0.5388	1.78	1.61	10.0 A	0.828	0.082	0.360	---	---	12
13	---	---	0.0178	0.4548	1.88	1.68	10.1 A	0.484	0.108	0.328	---	---	13
14	---	---	0.0188	0.4188	1.84	1.68	10.8 A	0.387	0.104	0.317	---	---	14
15	---	---	0.0208	0.7958	1.82	1.86	12.3 A	0.388	0.101	0.320	---	---	15
16	---	---	0.0188	1.80 B	1.42	1.40	15.3 A	0.342	0.103	0.328	---	---	16
17	---	---	0.0198	2.86 B	1.33	1.16	20.5 A	0.307	0.100	0.320	---	---	17
18	---	---	0.0218	4.00 B	1.22	1.00	18.0 A	0.285	0.087	0.273	---	---	18
19	---	---	0.0278	4.82 B	1.14	0.834	12.0 A	0.450	0.185	0.272	---	---	19
20	---	---	0.0388	5.82 B	1.07	0.706	9.30A	0.491	0.208	0.280	---	---	20
21	---	---	0.0328	6.06 B	0.946	0.588	7.90A	0.331	0.205	0.345	---	---	21
22	---	---	0.0318	5.82 B	0.894	0.488	7.37A	0.248	0.201	0.420	---	---	22
23	---	---	0.0328	5.84	0.779	0.438	7.27A	0.228	0.223	0.423	---	---	23
24	---	---	0.0288	5.80	0.745	0.387	8.13A	0.223	0.220	0.432	---	---	24
25	---	---	0.0288	5.48	0.730	0.342	4.93A	0.207	0.227	0.482	---	---	25
26	---	---	0.0318	5.15	0.847	0.304	4.23A	0.178	0.208	0.4858	---	---	26
27	---	---	0.0298	4.90	0.646	0.295	3.48A	0.154	0.328	0.4408	---	---	27
28	---	---	0.0258	4.64	0.642	0.279	2.77A	0.123	0.342	0.4228	---	---	28
29	---	---	0.0298	4.21	0.583	0.286	2.42A	0.125	0.306	0.4408	---	---	29
30	---		0.0298	4.07	0.607	0.594	2.38A	0.122	0.437	0.4758	---	---	30
31	---		0.0398		0.851		2.84A	0.112		0.4808		---	31
TOTAL	---	---	0.864	77.198	53.138	30.731	242.18	19.408	4.988	13.124	---	---	TOTAL
MEAN	---	---	0.021	2.57	1.71	1.02	7.81	0.828	0.166	0.381	---	---	MEAN
MAX	---	---	0.038	6.84	4.26	1.90	20.5	2.31	0.437	0.480	---	---	MAX
MIN	---	---	0.011	0.058	0.583	0.279	1.11	0.112	0.080	0.272	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 20.5A ON JUL 17
MINIMUM DAILY, 0.0118 ON MAR 1
MAXIMUM INSTANTANEOUS,
31.7E AT 17:00 MST ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 04 40 N
LONG 115 05 30 W
DRAINAGE AREA, 491 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20 890
FEB	---	AUG	1 880
MAR	57.4	SEP	428
APR	5 870	OCT	1 050
MAY	4 590	NOV	---
JUN	2 880	DEC	---

TOTAL DISCHARGE, 35 000 dam³

LAKE ABRAHAM NEAR NORDEGG - STATION NO. 05DC005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1306.23	1303.29	1300.85	1297.08	1293.48	1293.78	1303.31	1309.18	1314.72	1315.03	1313.30	1310.02	1
2	1306.15	1303.22	1300.45	1296.85	1293.35	1293.76	1303.40	1309.34	1314.62	1315.08	1313.18	1309.90	2
3	1306.01	1303.14	1300.33	1296.83	1293.20	1293.82	1303.52	1309.57	1314.56	1315.13	1313.05	1309.78	3
4	1305.88	1303.07	1300.23	1296.85	1293.07	1293.88	1303.59	1309.70	1315.17	1315.10	1312.97	1309.68	4
5	1305.78	1303.00	1300.12	1296.49	1292.88	1293.96	1303.74	1309.96	1315.32	1315.05	1312.90	1309.54	5
6	1305.66	1302.92	1300.02	1296.35	1292.77	1294.30	1304.02	1310.25	1315.44	1315.04	1312.78	1309.40	6
7	1305.56	1302.84	1299.91	1296.20	1292.61	1295.26	1304.18	1310.49	1315.57	1315.03	1312.73	1309.26	7
8	1305.43	1302.76	1299.80	1296.04	1292.52	1296.38	1304.34	1310.66	1315.58	1315.02	1312.63	1309.14	8
9	1305.28	1302.68	1299.69	1295.91	1292.35	1296.84	1304.55	1310.86	1315.56	1314.99	1312.54	1309.04	9
10	1305.20	1302.62	1299.60	1295.78	1292.18	1297.23	1304.78	1311.11	1315.63	1314.97	1312.44	1308.91	10
11	1305.06	1302.53	1299.48	1295.64	1292.07	1297.43	1305.08	1311.32	1315.65	1314.94	1312.33	1308.75	11
12	1304.93	1302.46	1299.37	1295.49	1292.01	1297.68	1305.38	1311.46	1315.61	1314.93	1312.22	1308.62	12
13	1304.81	1302.37	1299.27	1295.36	1292.10	1297.82	1305.64	1311.51	1315.61	1314.90	1312.12	1308.50	13
14	1304.69	1302.29	1299.17	1295.23	1292.14	1297.72	1305.82	1311.53	1315.59	1314.87	1312.02	1308.41	14
15	1304.57	1302.21	1299.06	1295.05	1292.14	1297.84	1305.93	1312.01	1315.61	1314.88	1311.91	1308.30	15
16	1304.50	1302.13	1298.96	1294.88	1292.31	1298.20	1306.03	1312.18	1315.65	1314.82	1311.80	1308.20	16
17	1304.42	1302.03	1298.87	1294.80	1292.63	1298.61	1306.13	1312.37	1315.64	1314.73	1311.69	1308.08	17
18	1304.33	1301.94	1298.76	1294.73	1292.90	1299.04	1306.20	1312.55	1315.62	1314.64	1311.80	1307.97	18
19	1304.26	1301.84	1298.65	1294.80	1293.11	1299.37	1306.28	1312.72	1315.54	1314.55	1311.49	1307.86	19
20	1304.16	1301.72	1298.54	1294.48	1293.31	1299.80	1306.42	1312.88	1315.51	1314.45	1311.38	1307.75	20
21	1304.11	1301.60	1298.45	1294.40	1293.28	1299.85	1306.59	1312.99	1315.45	1314.35	1311.24	1307.62	21
22	1304.02	1301.51	1298.35	1294.34	1293.20	1300.38	1306.68	1313.11	1315.37	1314.30	1311.12	1307.48	22
23	1303.95	1301.38	1298.24	1294.23	1293.32	1300.83	1307.08	1313.22	1315.31	1314.18	1311.00	1307.35	23
24	1303.89	1301.28	1298.13	1294.17	1293.44	1301.19	1307.22	1313.38	1315.23	1314.08	1310.87	1307.24	24
25	1303.82	1301.16	1298.01	1294.09	1293.51	1301.43	1307.41	1313.54	1315.16	1313.98	1310.73	1307.15	25
26	1303.73	1301.01	1297.89	1293.96	1293.55	1301.77	1307.61	1313.78	1315.15	1313.85	1310.65	1307.04	26
27	1303.67	1300.89	1297.73	1293.86	1293.62	1302.16	1307.82	1313.95	1315.14	1313.75	1310.54	1306.83	27
28	1303.58	1300.77	1297.62	1293.70	1293.67	1302.53	1308.21	1314.14	1315.10	1313.78	1310.40	1306.83	28
29	1303.51	1300.64	1297.50	1293.59	1293.71	1302.88	1308.41	1314.31	1314.93	1313.62	1310.32	1306.71	29
30	1303.45		1297.38	1293.53	1293.71	1303.12	1308.65	1314.52	1314.88	1313.50	1310.20	1306.58	30
31	1303.38		1297.28		1293.78		1308.90	1314.64		1313.40		1306.48	31
MEAN	1304.85	1302.11	1298.85	1295.15	1292.95	1298.29	1305.91	1312.05	1315.35	1314.85	1311.81	1308.21	MEAN
MAX	1306.23	1303.29	1300.85	1297.08	1293.78	1303.12	1308.90	1314.64	1315.65	1315.13	1313.30	1310.02	MAX
MIN	1303.38	1300.64	1297.28	1293.53	1292.01	1293.76	1303.31	1309.18	1314.72	1313.40	1310.20	1306.48	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 1305.01
MAXIMUM DAILY, 1315.65 ON SEP 15
MINIMUM DAILY, 1292.01 ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 28 N
LONG 115 15 42 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED SINCE 1972

DRAINAGE AREA,
3 880 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA AT BUSTARD ISLAND - STATION NO. 07MD002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.455	208.456	208.352	208.330	208.476	208.883	209.027	209.422	209.278	208.977	208.880	208.728	1
2	208.445	208.426	208.361	208.343	208.501	208.748	209.042	209.405	209.280	208.984	208.918	208.784	2
3	208.442	208.437	208.388	208.353	208.518	208.735	209.048	209.439	209.271	209.033	208.837	208.773	3
4	208.455	208.442	208.348	208.347	208.538	208.608	209.041	209.342	209.290	209.042	208.785	208.785	4
5	208.488	208.433	208.380	208.338	208.551	208.744	209.088	209.417	209.257	209.061	208.788	208.784	5
6	208.443	208.434	208.358	208.354	208.580	208.790	209.307	209.418	209.233	209.077	208.834	208.739	6
7	208.458	208.436	208.340	208.358	208.547	208.787	209.077	209.380	209.178	209.083	208.844	208.722	7
8	208.452	208.422	208.348	208.343	208.585	208.718	209.151	209.410	209.048	208.888	208.808	208.741	8
9	208.431	208.427	208.351	208.348	208.573	208.688	209.158	209.417	209.180	209.007	208.782	208.789	9
10	208.438	208.461	208.341	208.363	208.588	208.884	209.126	209.423	209.317	209.088	208.788	208.788	10
11	208.441	208.448	208.348	208.331	208.563	208.882	209.184	209.435	209.211	209.050	208.849	208.733	11
12	208.463	208.451	208.357	208.338	208.587	208.812	209.251	209.385	209.158	209.024	208.822	208.731	12
13	208.488	208.421	208.343	208.388	208.575	208.759	209.214	209.402	209.188	208.997	208.801	208.728	13
14	208.456	208.451	208.333	208.367	208.544	208.773	209.233	209.405	209.230	208.990	208.782	208.711	14
15	208.488	208.434	208.323	208.344	208.532	208.781	209.148	209.411	209.274	208.838	208.798	208.702	15
16	208.480	208.438	208.328	208.352	208.495	208.784	209.194	209.388	209.210	208.972	208.801	208.688	16
17	208.480	208.428	208.322	208.358	208.560	208.828	209.192	209.396	209.188	208.920	208.785	208.701	17
18	208.448	208.427	208.338	208.368	208.623	208.824	209.248	209.387	209.184	208.952	208.800	208.690	18
19	208.471	208.420	208.358	208.378	208.685	208.783	209.271	209.378	209.188	209.062	208.833	208.671	19
20	208.464	208.417	208.351	208.363	208.635	208.843	209.305	209.389	209.135	208.994	208.812	208.684	20
21	208.447	208.411	208.338	208.378	208.639	208.907	209.317	209.385	209.125	209.105	208.830	208.682	21
22	208.478	208.387	208.340	208.391	208.680	208.947	209.244	209.357	209.124	209.028	208.827	208.688	22
23	208.481	208.371	208.347	208.360	208.738	208.954	209.252	209.288	209.078	208.947	208.821	208.688	23
24	208.488	208.380	208.353	208.374	208.580	208.917	209.413	209.262	209.033	208.943	208.805	208.683	24
25	208.464	208.381	208.358	208.358	208.834	208.940	209.388	209.307	209.118	208.882	208.787	208.687	25
26	208.458	208.373	208.363	208.374	208.595	208.898	209.344	209.338	209.125	209.084	208.802	208.641	26
27	208.447	208.382	208.345	208.388	208.686	209.018	209.388	209.342	209.102	208.888	208.845	208.628	27
28	208.451	208.388	208.328	208.418	208.883	209.011	209.410	209.316	209.104	208.810	208.801	208.648	28
29	208.450	208.380	208.324	208.442	208.780	209.028	209.436	209.331	209.025	208.843	208.830	208.658	29
30	208.458		208.344	208.443	208.723	209.024	209.380	209.288	209.057	208.912	208.847	208.638	30
31	208.438		208.380		208.883		209.423	209.305		208.784		208.618	31
MEAN	208.465	208.417	208.345	208.388	208.588	208.838	209.238	209.373	209.189	208.989	208.822	208.701	MEAN
MAX	208.480	208.461	208.383	208.443	208.780	209.028	209.436	209.438	209.280	209.105	208.934	208.773	MAX
MIN	208.431	208.352	208.322	208.330	208.476	208.883	209.027	209.288	209.025	208.784	208.782	208.618	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 208.777
MAXIMUM DAILY, 209.438 ON AUG 3
MINIMUM DAILY, 208.322 ON MAR 17
MAXIMUM INSTANTANEOUS,
208.818 AT 15:47 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 46 55 N
LONG 110 46 40 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

DRAINAGE AREA,
271 000 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA AT FORT CHIPEWYAN - STATION NO. 07HD001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.427	---	208.288	208.232	208.502	208.895	208.978	208.370	208.218	---	---	---	1
2	208.407	---	208.283	208.234	208.518	208.813	208.883	208.347	208.201	---	---	208.787	2
3	208.427	---	208.288	208.211	208.539	208.788	208.887	208.404	208.235	---	---	208.728	3
4	208.438	---	208.288	208.218	208.524	208.677	208.890	208.199	208.258	---	---	208.713	4
5	208.458	---	208.276	208.204	208.518	208.778	209.058	208.358	208.203	---	---	208.688	5
6	---	---	208.268	208.218	208.508	208.894	---	208.388	208.178	---	---	208.675	6
7	---	---	208.278	208.227	208.488	208.833	---	208.328	208.038	208.994	---	208.652	7
8	---	---	208.265	208.230	208.522	208.728	---	208.348	208.848	---	---	208.688	8
9	---	---	208.288	208.242	208.513	208.842	---	208.388	208.104	---	208.722	208.701	9
10	---	---	208.283	208.261	208.548	208.490	---	208.381	208.188	---	---	208.700	10
11	208.378	208.308	208.308	208.263	208.577	208.828	---	208.412	208.132	---	---	208.678	11
12	---	---	208.288	208.262	208.617	208.818	---	208.338	208.057	208.885	---	208.680	12
13	---	---	208.288	208.278	208.624	208.762	---	208.372	208.181	---	---	208.700	13
14	---	---	208.278	208.263	208.661	208.751	---	208.371	208.185	---	---	208.678	14
15	---	---	208.268	208.272	208.944	208.791	---	208.380	208.244	---	208.720	208.684	15
16	---	---	208.251	208.285	208.902	208.788	---	208.354	208.134	---	---	208.680	16
17	---	---	208.251	208.268	208.831	208.817	---	208.347	208.091	---	---	208.654	17
18	---	---	208.261	208.288	208.671	208.782	---	208.343	208.151	---	---	208.648	18
19	---	208.258	208.267	208.272	208.768	208.816	---	208.358	208.157	---	---	208.633	19
20	---	208.267	208.267	208.277	208.710	208.787	209.330	208.332	208.031	---	---	208.642	20
21	---	208.255	208.280	208.304	208.708	208.838	209.284	208.355	208.071	---	---	208.650	21
22	---	208.244	208.268	208.318	208.808	208.883	209.120	208.288	208.088	---	---	208.638	22
23	---	208.252	208.278	208.338	208.838	208.859	209.143	208.135	208.985	---	---	208.620	23
24	---	208.274	208.278	208.362	208.823	208.875	209.428	208.184	208.823	---	---	208.626	24
25	---	208.263	208.288	208.377	208.711	208.898	209.343	208.251	208.073	---	---	208.630	25
26	---	208.257	208.298	208.398	208.733	208.881	209.248	208.270	208.072	---	---	208.618	26
27	---	208.288	208.270	208.410	208.788	208.894	209.313	208.301	208.048	---	---	---	27
28	---	208.300	208.234	208.444	208.880	209.008	209.372	208.282	208.045	---	---	---	28
29	---	208.320	208.238	208.471	208.977	209.038	209.416	209.280	---	---	---	---	29
30	---	---	208.238	208.505	208.873	208.875	209.380	208.218	---	---	---	---	30
31	---	---	208.243		208.724		209.373	208.218		---		---	31
MEAN	---	---	208.273	208.288	208.885	208.833	---	208.317	---	---	---	---	MEAN
MAX	---	---	208.308	208.505	209.077	209.038	---	208.412	---	---	---	---	MAX
MIN	---	---	208.234	208.204	208.488	208.480	---	208.135	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 42 40 N
LONG 111 08 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER - STATION NO. 07KF002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	209.085	209.050	209.305	---	---	---	---	209.272	209.145	209.143	1
2	---	---	209.064	209.032	209.318	209.429	---	---	208.488	209.284	209.143	209.145	2
3	---	---	209.061	209.018	209.324	---	---	---	208.457	209.208	209.142	209.145	3
4	---	---	209.058	209.037	209.385	---	---	209.870	209.418	209.237	209.142	209.148	4
5	---	---	209.068	209.048	209.378	---	---	---	---	209.248	209.142	209.145	5
6	---	---	209.062	209.051	209.391	---	---	---	---	209.233	209.143	209.145	6
7	---	---	209.067	209.028	209.402	---	---	---	---	209.248	209.148	209.145	7
8	208.027	---	209.068	209.044	209.410	---	209.482	---	---	209.274	209.151	209.144	8
9	---	---	209.063	209.048	209.413	209.404	---	---	---	209.293	209.154	209.144	9
10	---	---	209.058	209.052	209.423	209.525	---	---	---	209.224	209.153	209.144	10
11	---	---	209.030	209.058	209.388	209.388	---	---	---	209.205	209.152	209.144	11
12	---	---	209.042	209.058	209.384	209.432	---	---	---	209.213	209.152	209.144	12
13	---	---	209.046	209.058	209.406	209.450	---	---	209.880	209.198	209.150	209.144	13
14	---	---	209.048	209.057	209.404	209.454	---	---	209.680	209.230	209.148	209.144	14
15	---	---	209.045	209.058	209.417	209.490E	---	---	256.703	209.238	209.147	209.144	15
16	---	---	209.042	209.054	209.421	209.478E	---	---	209.838	209.189	209.148	209.144	16
17	---	---	209.046	209.057	209.443	209.502E	---	---	209.838	209.258	209.145	209.145	17
18	---	---	209.041	209.060	209.520	209.528E	---	---	209.698	209.186	209.145	209.147	18
19	---	---	209.048	209.058	209.444	209.555E	209.878	---	209.712	209.189	209.145	209.147	19
20	---	---	209.038	209.052	209.455	209.545	209.848	---	209.718	209.183	209.145	209.148	20
21	---	---	209.043	209.113	209.443	209.447	---	---	209.670	209.078	209.145	209.148	21
22	---	---	209.038	209.118	209.377	209.418	---	---	209.888	209.108	209.144	209.148	22
23	---	---	209.028	209.148	---	209.471	---	---	209.828	209.134	209.145	209.148	23
24	---	209.083	209.037	209.187	---	209.524	---	---	---	209.143	209.147	209.148	24
25	---	209.088	209.040	209.228	---	---	---	209.585	---	209.137	209.148	209.148	25
26	209.008	209.084	209.028	209.238	---	---	---	---	---	209.140	209.144	209.147	26
27	---	209.080	209.040	209.248	---	---	---	---	---	209.143	209.143	209.148	27
28	---	209.082	209.048	209.283	---	---	---	---	---	209.145	209.141	209.148	28
29	---	209.084	209.052	209.280	---	---	---	209.453	209.384	209.147	209.140	209.148	29
30	---		209.052	209.293	---	---	---	---	209.347	209.142	209.142	209.145	30
31	---		209.038		---		---	---		209.148		209.145	31
MEAN	---	---	209.048	209.104	---	---	---	---	---	209.190	209.145	209.148	MEAN
MAX	---	---	209.088	209.293	---	---	---	---	---	209.293	209.154	209.148	MAX
MIN	---	---	209.028	209.018	---	---	---	---	---	209.078	209.140	209.143	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 00 N
LONG 111 41 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAKE MINNEWANKA NEAR BANFF - STATION NO. 05BB003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1471.23	1470.35	1468.41	1468.41	1467.87	1467.81	1468.85	1470.88	1472.38	1473.03	1472.84	1472.87	1
2	1471.21	1470.30	1468.38	1468.38	1467.87	1467.86	1468.89	1471.05	1472.37	1473.04	1472.83	1472.70	2
3	1471.18	1470.28	1468.33	1468.37	1467.85	1467.87	1470.05	1471.12	1472.38	1473.06	1472.82	1472.70	3
4	1471.17	1470.23	1468.28	1468.33	1467.85	1467.88	1470.11	1471.21	1472.42	1473.08	1472.78	1472.70	4
5	1471.12	1470.18	1468.24	1468.21	1467.84	1468.04	1470.18	1471.30	1472.48	1473.10	1472.81	1472.70	5
6	1471.08	1470.18	1468.25	1468.22	1467.84	1468.15	1470.24	1471.37	1472.48	1473.12	1472.82	1472.70	6
7	1471.04	1470.17	1468.20	1468.17	1467.85	1468.28	1470.32	1471.42	1472.48	1473.12	1472.79	1472.69	7
8	1470.98	1470.13	1468.14	1468.12	1467.85	1468.50	1470.36	1471.46	1472.48	1473.12	1472.77	1472.67	8
9	1470.95	1470.08	1468.10	1468.11	1467.85	1468.63	1470.43	1471.54	1472.53	1473.13	1472.76	1472.68	9
10	1470.94	1470.05	1468.08	1468.08	1467.89	1468.74	1470.48	1471.60	1472.55	1473.13	1472.74	1472.67	10
11	1470.88	1470.00	1468.01	1468.04	1467.74	1468.84	1470.54	1471.64	1472.58	1473.11	1472.73	1472.67	11
12	1470.85	1469.96	1468.00	1467.98	1467.80	1468.90	1470.60	1471.68	1472.61	1473.09	1472.73	1472.68	12
13	1470.81	1469.94	1468.00	1467.94	1467.84	1468.98	1470.66	1471.72	1472.63	1473.05	1472.74	1472.68	13
14	1470.78	1469.92	1468.95	1467.90	1467.81	1469.03	1470.71	1471.76	1472.65	1473.02	1472.72	1472.68	14
15	1470.74	1469.90	1468.92	1467.85	1467.87	1469.07	1470.75	1471.80	1472.67	1473.02	1472.71	1472.65	15
16	1470.74	1469.84	1468.88	1467.84	1467.89	1469.14	1470.81	1471.84	1472.71	1473.04	1472.72	1472.64	16
17	1470.74	1469.82	1468.84	1467.84	1468.02	1469.21	1470.83	1471.89	1472.73	1473.02	1472.72	1472.63	17
18	1470.70	1469.78	1468.80	1467.81	1468.05	1469.28	1470.86	1471.92	1472.75	1472.99	1472.86	1472.65	18
19	1470.65	1469.74	1468.81	1467.78	1468.03	1469.36	1470.87	1471.95	1472.78	1472.97	1472.70	1472.67	19
20	1470.62	1469.72	1468.82	1467.78	1467.95	1469.41	1470.89	1472.01	1472.78	1472.85	1472.71	1472.65	20
21	1470.58	1469.71	1468.77	1467.73	1467.90	1469.48	1470.90	1472.03	1472.82	1472.93	1472.88	1472.64	21
22	1470.55	1469.68	1468.74	1467.70	1467.85	1469.52	1470.93	1472.06	1472.84	1472.95	1472.86	1472.63	22
23	1470.54	1469.63	1468.70	1467.72	1467.84	1469.56	1470.92	1472.11	1472.87	1472.96	1472.87	1472.62	23
24	1470.53	1469.58	1468.68	1467.74	1467.81	1469.62	1470.93	1472.13	1472.89	1472.96	1472.86	1472.62	24
25	1470.50	1469.54	1468.80	1467.70	1467.78	1469.67	1470.94	1472.17	1472.91	1472.92	1472.88	1472.62	25
26	1470.48	1469.49	1468.82	1467.68	1467.78	1469.72	1470.94	1472.18	1472.93	1472.95	1472.88	1472.62	26
27	1470.44	1469.50	1468.81	1467.67	1467.80	1469.77	1470.94	1472.23	1472.95	1472.92	1472.88	1472.61	27
28	1470.41	1469.50	1468.86	1467.84	1467.81	1469.82	1470.93	1472.27	1472.96	1472.89	1472.70	1472.61	28
29	1470.38	1469.47	1468.83	1467.83	1467.84	1469.87	1470.92	1472.28	1472.98	1472.88	1472.87	1472.60	29
30	1470.37		1468.48	1467.88	1467.88	1469.90	1470.91	1472.31	1473.02	1472.88	1472.88	1472.60	30
31	1470.35		1468.40		1467.88		1470.91	1472.34		1472.88		1472.58	31
MEAN	1470.78	1469.88	1468.91	1467.83	1467.81	1469.01	1470.84	1471.78	1472.68	1473.01	1472.73	1472.65	MEAN
MAX	1471.23	1470.35	1468.41	1468.41	1468.05	1469.90	1470.94	1472.34	1473.02	1473.13	1472.84	1472.70	MAX
MIN	1470.35	1469.47	1468.40	1467.83	1467.84	1467.81	1468.85	1470.88	1472.38	1472.88	1472.88	1472.58	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1470.58
MAXIMUM DAILY, 1473.13 ON OCT 9
MINIMUM DAILY, 1467.83 ON APR 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 14 10 N
LONG 115 39 10 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
847 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE SHERBURNE - STATION NO. 05AE038

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1453.366	1453.741	1454.119	1450.205	1444.178	1447.886	1450.342	1443.027	1443.295	1444.594	1448.050	1450.018	1
2	1453.372	1453.752	1454.134	1449.955	1443.886	1448.041	1450.289	1442.725	1443.344	1444.678	1448.132	1450.052	2
3	1453.384	1453.771	1454.149	1449.717	1443.572	1448.278	1450.182	1442.426	1443.393	1444.752	1448.186	1450.080	3
4	1453.387	1453.771	1454.161	1449.425	1443.288	1448.449	1450.058	1442.288	1443.441	1444.822	1448.275	1450.113	4
5	1453.393	1453.802	1454.170	1449.117	1442.983	1448.595	1449.952	1442.155	1443.487	1444.880	1448.381	1450.128	5
6	1453.408	1453.820	1454.186	1448.878	1442.782	1448.768	1449.838	1442.084	1443.533	1444.928	1448.495	1450.141	6
7	1453.406	1453.829	1454.201	1448.647	1442.600	1448.958	1449.685	1442.078	1443.578	1444.985	1448.611	1450.158	7
8	1453.430	1453.832	1454.204	1448.348	1442.527	1449.153	1449.487	1441.972	1443.606	1445.008	1448.742	1450.187	8
9	1453.448	1453.841	1454.222	1448.013	1442.533	1449.384	1449.242	1441.878	1443.639	1445.051	1448.842	1450.208	9
10	1453.463	1453.872	1454.189	1447.851	1442.658	1449.647	1448.980	1441.880	1443.670	1445.093	1448.949	1450.228	10
11	1453.468	1453.911	1454.184	1447.287	1442.883	1449.838	1448.688	1441.881	1443.718	1445.127	1449.053	1450.257	11
12	1453.485	1453.938	1454.128	1448.813	1443.210	1449.987	1448.300	1441.881	1443.766	1445.180	1449.120	1450.284	12
13	1453.506	1453.948	1454.100	1448.532	1443.472	1449.988	1447.943	1441.884	1443.782	1445.208	1449.176	1450.324	13
14	1453.533	1453.954	1454.062	1448.188	1443.728	1449.812	1447.571	1441.844	1443.832	1445.252	1449.248	1450.380	14
15	1453.542	1453.975	1453.884	1448.044	1444.091	1449.670	1447.224	1441.859	1443.853	1445.305	1449.300	1450.385	15
16	1453.548	1453.975	1453.887	1445.855	1444.522	1449.573	1446.886	1441.878	1443.871	1445.895	1449.354	1450.421	16
17	1453.568	1453.978	1453.611	1445.840	1445.005	1449.952	1446.586	1442.332	1443.905	1446.514	1449.408	1450.458	17
18	1453.581	1453.984	1453.158	1445.845	1445.306	1450.052	1446.273	1442.500	1443.932	1446.773	1449.484	1450.473	18
19	1453.579	1454.005	1452.915	1445.852	1445.423	1450.113	1445.989	1442.554	1443.980	1446.983	1449.513	1450.497	19
20	1453.581	1454.018	1452.871	1445.842	1445.438	1450.147	1445.700	1442.634	1444.005	1447.123	1449.558	1450.518	20
21	1453.606	1454.027	1452.602	1445.761	1445.438	1450.184	1445.482	1442.704	1444.038	1447.284	1449.601	1450.548	21
22	1453.635	1454.021	1452.119	1445.839	1445.444	1450.241	1445.248	1442.753	1444.051	1447.384	1449.659	1450.585	22
23	1453.628	1454.038	1451.854	1445.884	1445.590	1450.302	1445.051	1442.810	1444.072	1447.488	1449.711	1450.583	23
24	1453.648	1454.058	1451.581	1445.328	1445.877	1450.348	1444.842	1442.858	1444.091	1447.538	1449.754	1450.601	24
25	1453.652	1454.070	1451.264	1445.218	1446.078	1450.397	1444.615	1442.928	1444.116	1447.632	1449.809	1450.618	25
26	1453.663	1454.068	1451.040	1445.173	1446.331	1450.427	1444.380	1442.988	1444.167	1447.693	1449.845	1450.632	26
27	1453.692	1454.084	1450.772	1445.118	1446.578	1450.448	1444.142	1443.054	1444.234	1447.767	1449.881	1450.658	27
28	1453.718	1454.100	1450.613	1444.947	1447.044	1450.458	1443.920	1443.118	1444.331	1447.824	1449.921	1450.683	28
29	1453.725	1454.119	1450.535	1444.700	1447.386	1450.462	1443.710	1443.178	1444.423	1447.916	1449.957	1450.698	29
30	1453.722		1450.553	1444.475	1447.802	1450.397	1443.476	1443.222	1444.511	1447.955	1450.004	1450.723	30
31	1453.725		1450.476		1447.736		1443.268	1443.248		1448.013		1450.747	31
MEAN	1453.544	1453.942	1452.985	1448.787	1444.880	1449.884	1447.008	1442.472	1443.885	1445.213	1449.200	1450.388	MEAN
MAX	1453.725	1454.119	1454.222	1450.205	1447.736	1450.458	1450.342	1443.248	1444.511	1448.013	1450.004	1450.747	MAX
MIN	1453.366	1453.741	1450.476	1444.475	1442.527	1447.886	1443.268	1441.844	1443.286	1444.594	1448.050	1450.018	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1448.376
MAXIMUM DAILY, 1454.222 ON MAR 8
MINIMUM DAILY, 1441.844 ON AUG 14
MAXIMUM INSTANTANEOUS,
1454.322 AT 08:00 MST ON MAR 8

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 42 N
LONG 113 31 18 W

REGULATED

DRAINAGE AREA,
187 km²

WATER LEVELS ARE REFERRED TO UNITED STATES RECLAMATION SERVICE DATUM
APPLY 2.880 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LALBY CREEK NEAR GIROUXVILLE - STATION NO. 07GJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.028E	0.007	0.018	0.030	0.048	0.001	0	---	---	1
2	---	---	0 B	0.018E	0.008	0.018	0.051	0.049	0.001	0	---	---	2
3	---	---	0 B	0.018E	0.008	0.013	0.121	0.078	0	0	---	---	3
4	---	---	0 B	0.030E	0.004	0.011	0.182	0.082	0	0	---	---	4
5	---	---	0 B	0.088E	0.003	0.010	0.084	0.088	0	0	---	---	5
6	---	---	0 B	0.034E	0.004	0.023	0.032	0.078	0	0	---	---	6
7	---	---	0 B	0.043E	0.004	0.082	0.074	0.053	0	0	---	---	7
8	---	---	0 B	0.051E	0.004	0.088	0.045	0.049	0	0	---	---	8
9	---	---	0 B	0.048	0.005	0.088	0.012	0.043	0	0	---	---	9
10	---	---	0 B	0.031E	0.005	7.95	0.004	0.033	0	0	---	---	10
11	---	---	0 B	0.018E	0.005	2.80	0.002	0.028	0	0	---	---	11
12	---	---	0 B	0.041	0.004	1.17	0.148	0.021	0	0	---	---	12
13	---	---	0 B	0.028E	0.003	0.477	1.36	0.022	0	0	---	---	13
14	---	---	0 B	0.008E	0.005	0.181	0.701	0.018	0	0	---	---	14
15	---	---	0 B	0.008E	0.009	0.074	0.215	0.013	0	0	---	---	15
16	---	---	0 B	0.007E	0.011	0.032	0.112	0.010	0	0	---	---	16
17	---	---	0 B	0.007E	0.008	0.008	0.067	0.008	0	0	---	---	17
18	---	---	0 B	0.008E	0.008	0.005	0.044	0.008	0	0	---	---	18
19	---	---	0 B	0.008E	0.008	0.003	0.030	0.007	0	0	---	---	19
20	---	---	0 B	0.005E	0.008	0.005	0.022	0.008	0	0	---	---	20
21	---	---	0 B	0.005	0.008	0.005	0.017	0.005	0	0	---	---	21
22	---	---	0 B	0.005	0.008	0.007	0.013	0.003	0	0	---	---	22
23	---	---	0 B	0.005	0.014	0.018	0.010	0.003	0	0	---	---	23
24	---	---	0 B	0.005	0.018	0.010	0.008	0.003	0	0	---	---	24
25	---	---	0 B	0.005	0.017	0.011	0.008	0.004	0	0	---	---	25
26	---	0B	0 B	0.008	0.022	0.010	0.009	0.008	0	0	---	---	26
27	---	0B	0 B	0.005	0.022	0.010	0.018	0.008	0	0B	---	---	27
28	---	0B	0.020B	0.003	0.026	0.014	0.035	0.005	0	0B	---	---	28
29	---	0B	0.048B	0.008	0.025	0.017	0.047	0.004	0	0B	---	---	29
30	---		0.044B	0.008	0.022	0.028	0.049	0.003	0	0B	---	---	30
31	---		0.031B		0.018		0.048	0.002		0B		---	31
TOTAL	---	---	0.143	0.548	0.319	13.885	3.884	0.782	0.002	0	---	---	TOTAL
MEAN	---	---	0.005	0.018	0.010	0.482	0.118	0.025	0	0	---	---	MEAN
MAX	---	---	0.048	0.088	0.026	7.95	1.36	0.088	0.001	0	---	---	MAX
MIN	---	---	0	0.003	0.003	0.002	0.002	0.002	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.078
MAXIMUM DAILY, 7.95 ON JUN 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
10.4 AT 05:00 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 47 28 N
LONG 117 20 10 W
DRAINAGE AREA, 180 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	308
FEB	---	AUG	97.6
MAR	13.4	SEP	0.17
APR	47.4	OCT	0
MAY	27.8	NOV	---
JUN	1 200	DEC	---

TOTAL DISCHARGE, 1 880 dam³

LATERAL 10 SPILLWAY NEAR CHIN - STATION NO. 05AG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.452	0.193	0.297	0.349	0.221	0.103	---	---	1
2	---	---	---	---	0.418	0.208	0.328	0.328	0.182	0.138	---	---	2
3	---	---	---	---	0.378	0.214	0.291	0.322	0.228	0.138	---	---	3
4	---	---	---	---	0.383	0.183	0.313	0.310	0.268	0.159	---	---	4
5	---	---	---	---	0.388	0.233	0.278	0.234	0.249	0.184	---	---	5
6	---	---	---	---	0.471	0.383	0.314	0.284	0.188	0.111	---	---	6
7	---	---	---	---	0.472	0.484	0.288	0.232	0.180	0.128	---	---	7
8	---	---	---	---	0.317	0.583	0.198	0.171	0.187	0.207	---	---	8
9	---	---	---	---	0.387	0.498	0.120	0.228	0.188	0.285	---	---	9
10	---	---	---	---	0.259	0.478	0.123	0.388	0.218	0.303	---	---	10
11	---	---	---	---	0.274	0.478	0.188	0.228	0.247	0.082	---	---	11
12	---	---	---	---	0.310	0.424	0.153	0.102	0.288	0.001	---	---	12
13	---	---	---	---	0.481	0.378	0.200	0.187	0.208	0	---	---	13
14	---	---	---	---	0.804	0.281	0.170	0.188	0.172	0	---	---	14
15	---	---	---	---	0.413	0.240	0.213	0.178	0.188	0	---	---	15
16	---	---	---	---	0.338	0.299	0.189	0.145	0.101	0	---	---	16
17	---	---	---	---	0.553	0.258	0.214	0.079	0.084	0	---	---	17
18	---	---	---	---	0.445	0.218	0.271	0.178	0.038	0	---	---	18
19	---	---	---	---	0.280	0.178	0.288	0.147	0.103	0	---	---	19
20	---	---	---	---	0.284	0.218	0.298	0.243	0.088	0	---	---	20
21	---	---	---	---	0.328	0.209	0.213	0.228	0.080	0	---	---	21
22	---	---	---	---	0.383	0.288	0.188	0.208	0.084	0	---	---	22
23	---	---	---	---	0.388	0.278	0.213	0.123	0.032	0	---	---	23
24	---	---	---	---	0.348	0.328	0.288	0.117	0.027	0	---	---	24
25	---	---	---	---	0.327	0.304	0.198	0.181	0.049	0	---	---	25
26	---	---	---	---	0.333	0.282	0.242	0.208	0.082	0	---	---	26
27	---	---	---	0.387A	0.373	0.201	0.298	0.193	0.083	0	---	---	27
28	---	---	---	0.401	0.342	0.324	0.345	0.135	0.088	0	---	---	28
29	---	---	---	0.428	0.278	0.544	0.384	0.132	0.088	0	---	---	29
30	---		---	0.420	0.308	0.415	0.318	0.120	0.118	0	---	---	30
31	---		---		0.218		0.331	0.178		0 A		---	31
TOTAL	---	---	---	---	11.458	8.520	7.847	8.308	4.188	1.835	---	---	TOTAL
MEAN	---	---	---	---	0.370	0.317	0.247	0.203	0.140	0.059	---	---	MEAN
MAX	---	---	---	---	0.804	0.583	0.384	0.388	0.288	0.303	---	---	MAX
MIN	---	---	---	---	0.218	0.178	0.120	0.078	0.027	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.223
MAXIMUM DAILY, 0.804 ON MAY 14
MINIMUM DAILY, 0 ON OCT 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 36 N
LONG 112 28 48 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	681
FEB	---	AUG	548
MAR	---	SEP	382
APR	---	OCT	158
MAY	880	NOV	---
JUN	833	DEC	---

TOTAL DISCHARGE, 3 840 dam³

LEE CREEK AT CARDSTON - STATION NO. 05AE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1508	0.1108	0.3378	0.888	1.87	1.84	0.804	0.088	0.058	0.181	0.244	0.2808	1
2	0.1408	0.0988	0.4088	0.804	1.48	1.37	0.848	0.228	0.077	0.211	0.248	0.2858	2
3	0.1308	0.0928	0.4638	0.808	1.28	1.22	0.487	0.180	0.070	0.178	0.280	0.2758	3
4	0.1208	0.0908	0.4278	0.811	1.30	1.18	0.488	0.108	0.085	0.119	0.281	0.2308	4
5	0.1108	0.0928	0.4148	0.723	1.80	1.17	0.821	0.078	0.082	0.098	0.277	0.2428	5
6	0.1008	0.1008	0.3888	0.704	1.98	1.28	0.882	0.084	0.047	0.188	0.288	0.1418	6
7	0.0808	0.1018	0.2258	2.85	3.88	1.88	0.474	0.088	0.042	0.230	0.1978	0.1818	7
8	0.0858	0.1028	0.3638	2.88	4.82	2.07	0.382	0.148	0.055	0.212	0.1488	0.1218	8
9	0.0508	0.1038	0.5178	2.07 A	3.87	1.81	0.318	0.182	0.080	0.222	0.1888	0.1058	9
10	0.0308	0.1208	0.2488	1.89 E	3.16	1.48	0.273	0.101	0.118	0.214	0.2508	0.1888	10
11	0.0208	0.1408	0.2728	1.81 E	2.94	1.17	0.284	0.083	0.385	0.189	0.2148	0.1728	11
12	0.0158	0.1388	0.1708	1.83 E	2.81	1.06	0.303	0.106	0.188	0.122	0.1818	0.1588	12
13	0.0108	0.1308	0.2088	1.80 A	2.68	1.09	0.254	0.135	0.152	0.187	0.1408	0.2028	13
14	0.0108	0.1248	0.3248	1.78	2.88	0.988	0.241	0.122	0.071	0.187	0.2448	0.0888	14
15	0.0158	0.1208	0.2208	1.83	2.23	0.890	0.188	0.142	0.082	0.187	0.2108	0.1138	15
16	0.0188	0.1408	0.1888	2.13	2.04	0.840	0.182	0.172	0.058	0.188	0.1888	0.1808	16
17	0.0208	0.1508	0.1638	2.08	2.12	0.783	0.157	0.133	0.201	0.207	0.2208	0.1008	17
18	0.0308	0.1608	0.2898	2.11	1.98	0.788	0.168	0.121	0.225	0.218	0.2088	0.0908	18
19	0.0408	0.1708	0.5488	2.11	1.81	0.789	0.152	0.093	0.295	0.187	0.1888	0.0808	19
20	0.0858	0.1758	0.8188	1.98	1.73	0.688	0.137	0.120	0.358	0.122	0.3028	0.0788	20
21	0.1208	0.1748	2.08 B	1.77	1.82	0.833	0.108	0.170	0.387	0.123	0.1538	0.0708	21
22	0.1808	0.1708	1.52 B	1.84	1.53	0.896	0.086	0.140	0.338	0.120	0.1888	0.0688	22
23	0.2208	0.1628	0.8048	1.48	1.52	0.856	0.087	0.124	0.286	0.138	0.1888	0.0808	23
24	0.2408	0.1808	0.5638	1.51	1.82	0.536	0.073	0.102	0.283	0.148	0.2088	0.0888	24
25	0.2858	0.2108	0.5908	1.53	1.58	0.534	0.084	0.108	0.244	0.188	0.1888	0.0808	25
26	0.2888	0.4008	0.5388	1.44	1.36	0.582	0.045	0.105	0.231	0.2088	0.1408	0.0488	26
27	0.2388	0.5308	0.8768	1.54	1.31	0.547	0.084	0.137	0.287	0.2408	0.1888	0.0408	27
28	0.2088	0.5008	0.8938	1.88	1.31	0.878	0.037	0.170	0.258	0.2588	0.2388	0.0488	28
29	0.1388	0.4738	0.8678	1.73	1.30	0.837	0.027	0.147	0.238	0.3008	0.2908	0.0808	29
30	0.1288		0.8588	1.87	1.71	0.707	0.028	0.108	0.188	0.288	0.2788	0.0558	30
31	0.1238		0.8808		1.82		0.022	0.080		0.250		0.0508	31
TOTAL	3.337	5.285	16.285	48.810	64.93	30.386	7.421	3.831	5.229	5.855	8.431	3.630	TOTAL
MEAN	0.108	0.181	0.535	1.58	2.08	1.01	0.238	0.124	0.174	0.188	0.214	0.124	MEAN
MAX	0.288	0.530	2.08	2.86	4.82	2.07	0.821	0.228	0.388	0.300	0.277	0.285	MAX
MIN	0.010	0.080	0.170	0.588	1.28	0.534	0.022	0.080	0.042	0.088	0.140	0.040	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.553
MAXIMUM DAILY, 4.82 ON MAY 8
MINIMUM DAILY, 0.0108 ON JAN 13
MAXIMUM INSTANTANEOUS,
5.78 AT 22:55 MST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 00 N
LONG 113 17 45 W
DRAINAGE AREA, 307 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	288	JUL	641
FEB	484	AUG	331
MAR	1 410	SEP	452
APR	4 300	OCT	505
MAY	5 810	NOV	555
JUN	2 620	DEC	331

TOTAL DISCHARGE, 17 900 dam³

LEE CREEK BELOW CONFLUENCE OF EAST FORK - STATION NO. 05AE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.287	1.08	1.15	0.478	0.177	0.108	0.121	---	---	1
2	---	---	---	0.490	0.950	1.09	0.448	0.288	0.108	0.118	---	---	2
3	---	---	---	0.722	0.828	1.08	0.423	0.204	0.104	0.112	---	---	3
4	---	---	---	0.534	0.895	1.07	0.422	0.181	0.092	0.108	---	---	4
5	---	---	---	0.438	1.24	1.08	0.487	0.185	0.091	0.105	---	---	5
6	---	---	---	1.47	1.85	1.05	0.435	0.182	0.091	0.102	---	---	6
7	---	---	---	2.37	3.29	1.33	0.388	0.167	0.093	0.100	---	---	7
8	---	---	---	1.18	2.82	1.38	0.388	0.193	0.094	0.098	---	---	8
9	---	---	---	0.808	2.42	1.17	0.351	0.180	0.090	0.096	---	---	9
10	---	---	---	0.735	2.36	1.01	0.339	0.143	0.113	0.097	---	---	10
11	---	---	---	1.06	2.34	0.938	0.334	0.142	0.185	0.095	---	---	11
12	---	---	---	1.23	2.42	0.826	0.327	0.154	0.183	0.092	---	---	12
13	---	---	---	1.13	2.40	0.826	0.298	0.151	0.158	0.091	---	---	13
14	---	---	---	1.17	2.03	0.843	0.285	0.139	0.149	0.092	---	---	14
15	---	---	---	1.33	1.78	0.788	0.285	0.137	0.129	0.100	---	---	15
16	---	---	---	1.47	1.78	0.758	0.278	0.145	0.131	0.120	---	---	16
17	---	---	---	1.37	1.82	0.748	0.243	0.140	0.158	0.118	---	---	17
18	---	---	---	1.37	1.81	0.735	0.234	0.135	0.170	0.113	---	---	18
19	---	---	---	1.34	1.43	0.690	0.228	0.137	0.188	0.110	---	---	19
20	---	---	---	1.28	1.40	0.644	0.215	0.140	0.188	0.108	---	---	20
21	---	---	---	1.12	1.38	0.634	0.205	0.145	0.158	0.105	---	---	21
22	---	---	0.282A	1.03	1.38	0.818	0.194	0.134	0.144	0.140	---	---	22
23	---	---	0.241	0.878	1.40	0.808	0.187	0.128	0.135	0.133	---	---	23
24	---	---	0.191	0.888	1.38	0.878	0.188	0.120	0.158	0.128	---	---	24
25	---	---	0.180	0.951	1.27	0.828	0.189	0.114	0.153	0.125	---	---	25
26	---	---	0.280	0.951	1.22	0.822	0.188	0.147	0.181	0.118	---	---	26
27	---	---	0.438	1.11	1.22	0.817	0.174	0.159	0.157	0.145	---	---	27
28	---	---	0.338	1.18	1.15	0.885	0.175	0.128	0.140	0.157	---	---	28
29	---	---	0.263	1.26	1.22	0.854	0.163	0.118	0.131	0.138	---	---	29
30	---		0.308	1.20	1.23	0.848	0.154	0.112	0.124	0.187	---	---	30
31	---		0.288		1.80		0.148	0.108		0.205A		---	31
TOTAL	---	---	---	32.588	51.041	25.144	8.634	4.808	4.017	3.877	---	---	TOTAL
MEAN	---	---	---	1.05	1.65	0.838	0.285	0.148	0.134	0.118	---	---	MEAN
MAX	---	---	---	2.37	3.29	1.38	0.487	0.285	0.181	0.205	---	---	MAX
MIN	---	---	---	0.287	0.828	0.817	0.148	0.108	0.090	0.091	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.529
MAXIMUM DAILY, 3.29 ON MAY 7
MINIMUM DAILY, 0.080 ON SEP 8
MAXIMUM INSTANTANEOUS,
3.88 AT 14:10 MST ON MAY 7

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 30 N
LONG 113 02 30 W
DRAINAGE AREA, 84.5 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	783
FEB	---	AUG	358
MAR	---	SEP	347
APR	2 820	OCT	318
MAY	4 410	NOV	---
JUN	2 170	DEC	---

TOTAL DISCHARGE, 8 410 dam³

LESSER SLAVE LAKE AT FAUST - STATION NO. 07BJ002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	578.010	578.088	578.205	578.481	578.844	578.788	578.587	578.422	---	1
2	---	---	---	578.021	578.118	578.197	578.472	578.842	578.771	578.574	578.409	---	2
3	---	---	578.008A	578.026	578.126	578.218	578.464	578.837	578.765	578.560	578.427	---	3
4	---	---	---	578.021	578.129	578.213	578.463	578.830	578.772	578.585	578.408A	---	4
5	---	---	---	578.022	578.127	578.215	578.501	578.821	578.763	578.548	---	---	5
6	---	---	---	578.018	578.108	578.228	578.546	578.821	578.736	578.552	---	---	6
7	---	---	---	578.014	578.117	578.218	578.606	578.805	578.706	578.540	---	---	7
8	---	---	---	578.011	578.122	578.226	578.723	578.800	578.700	578.525	---	---	8
9	---	---	---	578.017	578.122	578.211	578.807	578.672	578.712	578.528	---	---	9
10	---	---	---	578.018	578.130	578.201	578.836	578.689	578.705	578.528	---	---	10
11	---	---	---	578.009	578.128	578.330	578.857	578.681	578.688	578.525	---	---	11
12	---	---	---	578.011	578.136	578.337	578.852	578.894	578.683	578.520	---	---	12
13	---	---	---	578.018	578.132	578.364	578.888	578.885	578.695	578.518	---	---	13
14	---	---	---	578.018	578.101	578.378	578.905	578.872	578.688	578.487	---	---	14
15	---	---	---	578.008	578.151	578.389	578.912	578.877	578.700E	578.463	---	---	15
16	---	---	---	578.013	578.182	578.389	578.917	578.878	578.708	578.483	---	---	16
17	---	---	578.048A	578.028	578.187	578.411	578.926	578.884	578.882	578.484	---	---	17
18	---	---	---	578.032	578.181	578.405	578.946	578.888	578.878	578.471	---	---	18
19	---	---	---	578.040	578.188	578.388	578.970	578.858	578.878	578.474	---	---	19
20	---	---	---	578.081	578.173	578.424	578.982	578.851	578.832	578.473	---	---	20
21	---	---	---	578.075	578.182	578.428	578.982	578.828	578.888	578.488	---	---	21
22	---	---	---	578.084	578.199	578.441	578.951	578.840	578.891	578.448	---	---	22
23	---	---	---	578.085	578.187	578.437	578.958	578.824	578.901	578.458	---	---	23
24	---	---	---	578.080	578.181	578.412	578.967	578.835	578.881	578.445	---	---	24
25	---	---	---	578.087	578.183	578.443	578.983	578.833	578.898	578.467	---	---	25
26	---	---	---	578.083	578.181	578.441	578.972	578.825	578.898	578.422	---	---	26
27	---	---	---	578.100	578.184	578.438	578.983	578.825	578.888	578.438	---	---	27
28	---	---	---	578.102	578.188	578.448	578.987	578.818	578.885	578.431	---	---	28
29	---	---	---	578.095	578.180	578.452	578.988	578.812	578.881	578.437	---	---	29
30	---		---	578.087	578.201	578.411	578.933	578.740	578.878	578.418	---	---	30
31	---		578.008A		578.208		578.939	578.748		578.418		---	31
MEAN	---	---	---	578.044	578.158	578.347	578.826	578.885	578.872	578.494	---	---	MEAN
MAX	---	---	---	578.102	578.208	578.452	578.982	578.944	578.785	578.585	---	---	MAX
MIN	---	---	---	578.008	578.088	578.197	578.481	578.740	578.881	578.418	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 578.982 ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 19 15 N
LONG 115 37 25 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
13 800 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LESSER SLAVE LAKE AT SLAVE LAKE - STATION NO. 07BJ003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	578.030	578.022	578.004	578.014	578.088	578.212A	578.480	578.851	578.780	578.573	578.408	578.323	1
2	578.028	578.018	578.888	578.000	578.077	578.211A	578.486	578.838	578.768	578.624	578.438	578.337	2
3	578.026	578.022	578.886	578.003	578.082	578.173	578.508	578.834	578.718	578.444	578.380	578.322	3
4	578.012	578.018	578.000	578.018	578.080	578.209	578.484	578.850	578.710	578.450	578.400	578.328	4
5	578.011	578.010	578.003	578.008	578.081	578.212	578.473	578.840	578.721	578.527	578.382	578.329	5
6	578.028	578.023	578.002	578.005	578.120	578.202	578.782	578.802	578.784	578.507	578.531	578.328	6
7	578.018	578.017	578.887	578.018	578.108	578.217	578.788	578.813	578.824	578.528	578.529	578.316	7
8	578.013	578.022	578.886	578.020	578.098	578.208	578.780	578.805	578.826	578.554	578.418	578.308	8
9	578.021	578.013	578.008	578.013	578.108	578.307	578.783	578.835	578.713	578.535	578.338	578.303	9
10	578.018	578.006	578.005	578.014	578.112	578.302	578.784	578.818	578.687	578.517	578.317	578.310	10
11	578.011	578.013	578.000	578.035	578.108	578.412	578.788	578.888	578.898	578.503	578.388	578.312	11
12	578.002	578.021	578.000	578.012	578.082	578.386	578.844	578.878	578.725	578.511	578.327	578.308	12
13	578.886	578.026	578.888	578.000	578.108	578.353	578.882	578.888	578.672	578.508	578.321	578.302	13
14	578.888	578.012	578.003	578.000	578.284	578.383	578.815	578.818	578.678	578.524	578.323	578.300	14
15	578.011	578.028	578.001	578.017	578.187	578.387	578.881	578.871	578.729	578.543	578.287	578.301	15
16	578.008	578.024	578.888	578.024	578.112	578.384	578.888	578.852	578.885	578.508	578.307	578.282	16
17	578.005	578.028	578.881	578.014	578.212	578.388	578.870	578.807	578.882	578.528	578.380	578.288	17
18	578.004	578.028	578.887	578.024	578.182A	578.433	578.878	578.850	578.818	578.488	578.337	578.284	18
19	578.884	578.023	578.870	578.048	578.177A	578.477	578.882	578.882	578.884	578.483	578.323	578.288	19
20	578.888	578.027	578.883	578.048	578.187A	578.418	578.882	578.871	578.819	578.488	578.328	578.288	20
21	578.008	578.048	578.888	578.048	578.158A	578.418	578.877	578.883	578.717	578.484	578.237	578.284	21
22	578.011	578.038	578.888	578.048	578.152A	578.388	577.083	578.880	578.887	578.548	578.283	578.282	22
23	578.027	578.018	578.888	578.081	578.182A	578.433	577.010	578.884	578.818	578.488	578.344	578.281	23
24	578.003	578.008	578.884	578.085	578.282A	578.484	578.878	578.837	578.807	578.488	578.343	578.282	24
25	578.007	578.018	578.884	578.072	578.182A	578.401	578.888	578.823	578.878	578.388	578.348	578.278	25
26	578.001	578.010	578.887	578.078	578.182A	578.418	578.874	578.817	578.887	578.818	578.328	578.278	26
27	578.008	578.014	578.014	578.084	578.172A	578.441	578.883	578.772	578.858	578.448	578.388	578.274	27
28	578.023	578.007	578.008	578.083	578.182A	578.454	578.878	578.788	578.878	578.418	578.318	578.288	28
29	578.028	578.014	578.888	578.081	578.132A	578.472	578.887	578.781	578.822	578.384	578.317	578.278	29
30	578.028		578.885	578.085	578.202A	578.528	578.888	578.888	578.848	578.441	578.327	578.283	30
31	578.018		578.884		578.183A		578.888	578.888		578.421		578.278	31
MEAN	578.013	578.018	578.888	578.035	578.148	578.354	578.858	578.878	578.878	578.484	578.343	578.288	MEAN
MAX	578.038	578.048	578.014	578.085	578.282	578.528	577.083	578.851	578.834	578.818	578.531	578.337	MAX
MIN	578.884	578.888	578.878	578.888	578.077	578.173	578.488	578.788	578.887	578.384	578.221	578.268	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 578.344
MAXIMUM DAILY, 577.083 ON JUL 22
MINIMUM DAILY, 578.878 ON MAR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 15 N
LONG 114 48 18 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
13 800 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LESSER SLAVE RIVER AT HIGHWAY NO. 2A - STATION NO. 07BK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.9B	13.1B	14.2B	16.2	25.1	37.1	89.0	74.3	71.1A	51.8	40.2	31.1B	1
2	14.1B	13.4B	13.1B	15.8	23.8	36.5	81.5	74.1	67.4A	48.7	43.0	30.8B	2
3	13.7B	12.8B	12.7B	15.4	24.8	33.8	84.0	73.8	64.3	43.8	39.1	30.8B	3
4	13.2B	12.7B	13.4B	16.1	24.8	33.8	70.4	73.8	62.6	42.1	38.7	31.8B	4
5	12.6B	12.3B	13.8B	15.8	23.9	33.8	67.4	74.3	61.2	45.7	40.0	32.0B	5
6	13.3B	12.4B	14.1B	15.7	24.9	33.0	81.4	71.8	63.0	47.0	41.1	32.1B	6
7	13.6B	12.6B	13.8B	16.2	26.4	33.0	88.4	72.5	67.4	48.5	41.0B	31.7B	7
8	13.1B	12.7B	13.8B	16.7	24.8	31.6	88.4	71.7	68.8	48.1	41.1B	30.6B	8
9	13.4B	12.1B	13.6B	16.6	25.0	46.7	82.8	73.9	62.0	48.9	38.1B	30.3B	9
10	13.6B	11.1B	13.9B	16.6	26.1	72.0	93.8	74.3	59.6	48.9	33.8B	30.3B	10
11	13.2B	11.6B	14.2B	17.5	25.2	74.0	98.9	72.1	59.0	48.1	34.1B	30.2B	11
12	13.0B	12.6B	14.1B	17.4	24.7	84.6	94.8	71.5	60.3	45.8	35.7B	29.6B	12
13	12.3B	13.1B	14.0B	16.9	22.6	74.6	94.2	71.7	59.0	46.0	38.4B	30.2B	13
14	12.9B	12.6B	14.0B	17.2	21.4	65.2	82.8	73.6	57.6	45.8	22.1B	30.0B	14
15	12.9B	13.6B	14.3B	16.6	23.0	58.3	90.4	74.4A	57.4	45.4	30.2B	31.0B	15
16	13.8B	14.2B	14.6B	21.6	26.6	55.9	88.6	74.0A	58.1	46.2	33.2B	31.7B	16
17	13.2B	14.4B	14.6B	21.7	31.6	55.1	88.9	74.2A	58.4	47.8	34.0B	31.1B	17
18	13.3B	14.2B	15.2B	21.0	31.6	57.1	85.6	75.8A	64.9	46.6	34.8B	30.0B	18
19	13.0B	14.6B	14.8B	21.6	29.9	60.6	83.9	76.0A	62.0	43.9	34.0B	30.6B	19
20	12.9B	14.7B	14.4B	26.7	28.2	66.6	81.7	76.2A	62.9	46.0	33.1B	30.6B	20
21	14.2B	15.3B	15.2B	24.6	26.1	64.6	81.6	76.4A	66.6	42.0	28.2B	30.6B	21
22	13.6B	13.8B	15.3B	24.2	26.7	61.8	82.6	76.1A	67.0	48.2	30.0B	30.1B	22
23	14.7B	14.0B	15.2B	24.2	26.4	63.6	84.0	76.7A	64.7	44.0	31.8B	30.0B	23
24	14.3B	14.0B	15.6B	24.1	28.2	66.0	78.2	76.0A	63.6	46.0	33.6B	29.6B	24
25	13.1B	13.9B	15.6B	23.7	26.1	63.0	76.6	71.6A	62.3	41.7	34.6B	29.7B	25
26	13.3B	13.7B	15.6	23.6	26.0	60.4	77.7	71.6A	61.1	47.6	33.0B	28.6B	26
27	12.6B	14.1B	16.3	23.6	27.2	62.1	77.6	69.9A	47.7	46.0	31.2B	28.4B	27
28	13.1B	13.9B	16.4	24.4	26.7	66.6	76.7	69.3	60.2	42.0	31.3B	27.6B	28
29	13.7B	14.1B	16.9	25.6	27.0	60.6	76.3	66.3	61.6	38.6	31.9B	27.9B	29
30	14.2B		16.6	26.7	32.3	66.3	77.6	73.6A	66.7	39.1	31.6B	28.6B	30
31	13.6B		16.7		37.2		76.6	76.7A		43.4		28.6B	31
TOTAL	416.0	387.6	462.6	606.2	861.0	1 593.6	2 486.6	2 277.2	1 744.1	1 414.7	1 042.2	938.9	TOTAL
MEAN	13.4	13.4	14.8	20.2	27.6	53.1	80.6	73.6	58.1	45.6	34.7	30.3	MEAN
MAX	14.7	15.3	16.4	26.7	37.2	84.6	98.9	76.2	71.1	51.8	51.0	32.1	MAX
MIN	12.3	11.1	12.7	15.4	22.6	31.6	81.4	66.3	47.7	39.1	22.1	27.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.9
MAXIMUM DAILY, 98.9 ON JUL 11
MINIMUM DAILY, 11.1B ON FEB 10
MAXIMUM INSTANTANEOUS,
102 AT 09:00 MST ON JUL 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 38 N
LONG 114 35 28 W
DRAINAGE AREA, 14 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 900	JUL	218 000
FEB	33 500	AUG	197 000
MAR	39 100	SEP	151 000
APR	52 300	OCT	122 000
MAY	73 500	NOV	90 000
JUN	138 000	DEC	81 100

TOTAL DISCHARGE, 1 230 000 dam³

LESSER SLAVE RIVER AT SLAVE LAKE - STATION NO. 07BK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	24.8	38.8	87.8	63.3	47.8	38.8	30.8	1
2	---	---	---	---	---	36.4	38.4	87.8	61.8	46.0	38.0	31.2	2
3	---	---	---	---	---	23.8	42.4	87.8	66.8	38.4	32.2	30.2	3
4	---	---	---	---	---	26.8	40.3	87.8	66.7	38.8	36.8	30.8	4
5	---	---	---	---	---	26.8	38.3	87.8	69.1	44.3	33.8	31.4	5
6	---	---	---	---	---	24.8	30.0E	88.8	61.8	42.8	46.0	31.6	6
7	---	---	---	---	---	26.1	---	87.0	66.8	44.8	46.8	30.6	7
8	---	---	---	---	---	24.1	---	86.8	64.0	46.3	37.2	28.4	8
9	---	---	---	---	---	37.0	30.0E	87.6	66.8	46.8	33.0	30.2	9
10	---	---	---	---	---	31.3	60.0E	87.3	67.8	43.8	29.4	30.2	10
11	---	---	---	---	21.8A	36.6	63.6	86.6	66.1	43.1	32.8	30.7	11
12	---	---	---	---	18.8	37.4	66.6	86.3	66.9	42.1	29.3	31.0	12
13	---	---	---	---	20.2	36.0	67.0	86.4	66.3	42.7	17.8	31.0	13
14	---	---	---	---	28.3	36.0	67.6	87.0	66.6	46.0	18.6	30.6	14
15	---	---	---	---	23.1	36.6	66.2	86.6	67.3	46.8	26.4	30.6	15
16	---	---	---	---	30.3	37.4	66.8	66.6	67.4	43.3	30.4	30.4	16
17	---	---	---	---	28.4	37.3	66.6	84.0	64.6	44.7	34.3	30.6	17
18	---	---	---	---	34.7	40.6	66.7	66.6	61.2	41.3	33.8	30.6	16
19	---	---	---	---	33.6	43.7	66.2	66.1	60.6	40.7	32.1	30.8	19
20	---	---	---	---	24.1	36.6	66.0	66.2	60.6	41.6	32.2	29.6	20
21	---	---	---	---	22.0	36.1	66.6	67.0	66.1	37.6	26.6	29.3	21
22	---	---	---	---	21.4	36.6	70.6	66.4	64.6	46.4	26.6	28.2	22
23	---	---	---	---	23.3	36.0	66.2	66.1	61.3	39.4	31.3	28.3	23
24	---	---	---	---	24.7	43.1	66.4	66.3	60.1	41.3	33.0	28.0	24
25	---	---	---	---	24.2	36.0	66.7	64.6	47.6	34.7	33.1	26.6	25
26	---	---	---	---	23.7	36.6	66.4	64.6	46.2	46.4	31.6	26.3A	26
27	---	---	---	---	23.6	36.3	66.6	62.0	46.2	37.4	28.4	27.6	27
28	---	---	---	---	22.1	36.6	66.4	62.0	46.6	36.4	30.3	27.2	26
26	---	---	---	---	24.6	36.6	66.0	61.4	62.3	34.2	30.4	27.4	29
30	---		---	---	26.2	46.6	66.1	67.1	64.2	37.6	31.0	26.6	30
31	---		---		24.7		66.2	66.6		36.7		26.3	31
TOTAL	---	---	---	---	---	1 036.2	---	2 047.4	1 666.6	1 266.2	966.6	926.7	TOTAL
MEAN	---	---	---	---	---	34.6	---	66.0	66.7	41.6	32.0	29.6	MEAN
MAX	---	---	---	---	---	46.6	---	67.6	66.6	46.4	46.6	31.6	MAX
MIN	---	---	---	---	---	23.6	---	61.4	46.2	34.2	17.6	27.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 70.6 ON JUL 22

MAXIMUM INSTANTANEOUS,
74.6 AT 14:30 MST ON JUL 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 16 19 N
LONG 114 46 06 W
DRAINAGE AREA, 13 800 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	177 000
MAR	---	SEP	144 000
APR	---	OCT	112 000
MAY	---	NOV	82 600
JUN	88 800	DEC	80 000

LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL ABOVE OLDMAN FLUME - STATION NO. 05AB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	29.8	26.5	26.2	9.10	5.05	9.51	0	---	1
2	---	---	---	0 E	30.8	26.0	25.8	11.9	5.21	9.78	0	---	2
3	---	---	---	0 E	29.7	23.3	24.2	16.3	5.36	10.0	0A	---	3
4	---	---	---	0 E	28.7	23.8	23.8	13.1	5.27	9.89	---	---	4
5	---	---	---	0 E	29.4	23.7	24.2	11.2	5.11	9.85	---	---	5
6	---	---	---	0 E	30.8	23.8	25.8	10.3	5.05	9.31	---	---	6
7	---	---	---	0 E	31.8	24.0	24.7	9.81	4.98	8.95	---	---	7
8	---	---	---	0 E	31.3	23.4	22.2	10.1	5.04	8.77	---	---	8
9	---	---	---	0 E	33.4	19.0	20.3	10.1	5.12	8.48	---	---	9
10	---	---	---	0 E	36.0	15.1	19.2	9.09	5.29	7.91	---	---	10
11	---	---	---	0 E	31.8	14.8	18.8	8.45	5.02	7.44	---	---	11
12	---	---	---	0 E	28.1	14.7	18.7	8.28	5.13	7.18	---	---	12
13	---	---	---	0 E	30.5	14.8	17.6	8.14	5.04	6.82	---	---	13
14	---	---	---	0 E	30.9	14.8	18.6	7.77	5.31	6.80	---	---	14
15	---	---	---	0 E	30.1	15.8	15.8	7.39	4.47	6.87	---	---	15
16	---	---	---	8.74E	30.5	17.4	15.3	7.78	4.24	6.81	---	---	16
17	---	---	---	8.54E	31.1	18.8	14.8	7.80	4.81	6.12	---	---	17
18	---	---	---	13.8 E	32.4	21.8	14.6	7.26	5.48	11.0	---	---	18
19	---	---	---	20.0 A	33.4	23.8	14.1	7.13	5.80	8.12	---	---	19
20	---	---	---	25.1	32.8	29.4	13.8	6.80	5.81	2.14	---	---	20
21	---	---	0A	26.7	33.4	26.4	13.2	7.26	5.94	0.001	---	---	21
22	---	---	0E	27.5	30.7	29.4	12.2	7.31	6.13	0	---	---	22
23	---	---	0E	30.3	27.2	28.7	11.8	6.84	6.23	0	---	---	23
24	---	---	0E	31.0	27.1	29.3	11.4	6.19	6.28	0	---	---	24
25	---	---	0E	30.6	27.8	27.6	10.9	5.88	7.34	0	---	---	25
26	---	---	0E	23.4	28.4	25.0	10.3	5.78	8.07	0	---	---	26
27	---	---	0E	21.8	30.1	22.8	9.97	7.05	10.8	0	---	---	27
28	---	---	0E	24.3	30.3	21.8	9.80	7.08	10.8	0	---	---	28
29	---	---	0E	26.8	30.4	22.8	9.46	8.24	10.8	0	---	---	29
30	---		0E	28.2	30.6	21.0	9.17	8.67	9.82	0	---	---	30
31	---		0E		27.8		8.82	8.27		0		---	31
TOTAL	---	---	---	341.88	848.7	768.0	514.84	288.97	187.02	185.881	---	---	TOTAL
MEAN	---	---	---	11.4	30.8	25.8	16.6	8.29	8.23	5.34	---	---	MEAN
MAX	---	---	---	31.0	36.0	29.4	26.2	15.3	10.8	11.0	---	---	MAX
MIN	---	---	---	0	27.1	14.7	8.82	8.27	4.24	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.9
MAXIMUM DAILY, 36.8 ON JUN 22
MINIMUM DAILY, 0E ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 10 N
LONG 113 34 20 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	44 500
FEB	---	AUG	22 200
MAR	---	SEP	18 300
APR	29 500	OCT	14 300
MAY	82 000	NOV	---
JUN	66 400	DEC	---

TOTAL DISCHARGE, 278 000 dam³

LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL BELOW KEHO OUTFLOW - STATION NO. 05AC028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	8.37	12.8	17.8	13.0	8.87	5.47	---	---	1
2	---	---	---	0	11.4	13.8	17.0	8.85	5.78	5.47	---	---	2
3	---	---	---	0	12.8	13.0	18.8	8.46	5.18	5.36	---	---	3
4	---	---	---	0	12.7	13.2	17.0	8.05	4.84	5.78	---	---	4
5	---	---	---	0	13.0	13.8	17.7	6.47	4.87	5.89	---	---	5
6	---	---	---	0	13.8	15.1	15.3	4.25	5.46	5.81	---	---	6
7	---	---	---	0	13.4	14.8	13.2	4.88	5.63	4.87	---	---	7
8	---	---	---	0	13.2	10.8	13.2	6.24	5.53	4.07	---	---	8
9	---	---	---	0	13.8	7.08	13.8	7.82	5.84	4.19	---	---	9
10	---	---	---	0	14.0	6.12	12.9	8.20	5.38	4.19	---	---	10
11	---	---	---	0	13.8	5.34	17.2	8.18	5.18	4.19	---	---	11
12	---	---	---	0	14.2	5.34	18.3	8.05	5.68	4.33	---	---	12
13	---	---	---	0	14.8	5.33	17.7	7.73	5.87	4.81	---	---	13
14	---	---	---	0	14.4	5.02	18.8	7.80	5.42	5.33	---	---	14
15	---	---	---	0	14.3	5.76	18.8	7.23	5.62	2.81	---	---	15
16	---	---	---	0	14.4	6.76	17.4	6.82	5.88	0	---	---	16
17	---	---	---	0	14.5	6.88	18.0	6.41	5.38	0	---	---	17
18	---	---	---	0	13.8	6.08	18.5	6.06	5.19	0	---	---	18
19	---	---	---	0	13.3	6.52	18.4	6.10	5.17	0	---	---	19
20	---	---	---	1.02	13.6	11.3	18.8	5.81	5.17	0	---	---	20
21	---	---	---	1.37	13.8	15.8	18.7	5.78	5.74	0	---	---	21
22	---	---	---	1.10	14.5	16.0	18.3	5.67	5.46	0	---	---	22
23	---	---	---	1.10	14.5	19.2	17.7	4.23	5.46	0	---	---	23
24	---	---	---	1.38	15.5	21.3	17.4	4.14	5.35	0	---	---	24
25	---	---	---	1.92	15.6	22.6	16.4	4.08	5.22	0	---	---	25
26	---	---	---	2.55	15.0	23.1	15.6	4.10	5.51	0	---	---	26
27	---	---	---	3.81	14.7	23.7	16.0	4.17	5.76	0	---	---	27
28	---	---	---	5.37	14.6	24.2	15.8	4.18	5.47	0	---	---	28
29	---	---	---	6.71	14.3	22.0	14.7	5.04	5.29	0	---	---	29
30	---		---	8.61	13.9	18.2	13.0	5.72	5.31	0	---	---	30
31	---		---		12.9		13.1	5.92		0		---	31
TOTAL	---	---	---	36.16	427.87	396.98	510.1	193.11	174.17	72.39	---	---	TOTAL
MEAN	---	---	---	1.27	13.8	13.2	16.5	6.23	5.81	2.33	---	---	MEAN
MAX	---	---	---	8.61	15.6	24.2	18.5	13.0	8.87	5.89	---	---	MAX
MIN	---	---	---	0	8.37	5.02	12.8	4.08	4.87	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.84
MAXIMUM DAILY, 24.2 ON JUN 26
MINIMUM DAILY, 0 ON OCT 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 00 N
LONG 112 58 15 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	44 100
FEB	---	AUG	18 700
MAR	---	SEP	15 000
APR	3 300	OCT	5 250
MAY	37 000	NOV	---
JUN	34 200	DEC	---

TOTAL DISCHARGE, 153 000 dam³

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL BELOW MONARCH HEADGATES - STATION NO. 05AC029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	19.1	18.4	18.1	0	0.710A	4.83	---	---	1
2	---	---	---	0	19.9	15.8	15.5	0	0	4.46	---	---	2
3	---	---	---	0	21.2	13.8	12.7	11.4	0	4.84	---	---	3
4	---	---	---	0	20.5	14.0	9.83	8.28	0	4.98	---	---	4
5	---	---	---	0	19.3	14.1	7.84	8.31	0	4.88	---	---	5
6	---	---	---	0	17.8	13.8	10.8	5.80	0	4.02	---	---	6
7	---	---	---	0	19.4	14.0	13.8	5.80	0	3.43	---	---	7
8	---	---	---	0	20.2	14.2	11.2	5.12	0	3.14	---	---	8
9	---	---	---	0	19.3	14.0	8.75	5.04	0	3.02	---	---	9
10	---	---	---	0	22.1	9.02	8.92	5.39	0	2.94	---	---	10
11	---	---	---	0	21.4	5.53	4.93	4.28	0	2.28	---	---	11
12	---	---	---	0	17.4	8.25	4.20	2.73	0	1.84	---	---	12
13	---	---	---	0	17.9	8.87	5.04	3.78	0.983A	1.81	---	---	13
14	---	---	---	0	20.0	8.88	1.80	3.51	1.08	1.88	---	---	14
15	---	---	---	0	20.4	8.15	2.83	1.87	1.28	0	---	---	15
16	---	---	---	0	19.5	8.87	2.86	0.878	0.744	0	---	---	16
17	---	---	---	0	18.8	7.81	2.04	1.12	0.283	0	---	---	17
18	---	---	---	11.2 A	18.9	10.1	1.34	1.52	0.788	0	---	---	18
19	---	---	---	18.0	20.8	11.3	0.730	1.41	1.89	0	---	---	19
20	---	---	---	20.7	20.8	13.8	0.300	1.30	2.32	0	---	---	20
21	---	---	---	22.1	21.1	18.9	0	2.44	2.43	0	---	---	21
22	---	---	---	21.0	21.1	21.7	0	3.13	2.81	0	---	---	22
23	---	---	---	24.8	18.9	23.3	0	3.05	2.87	0	---	---	23
24	---	---	---	25.4	12.4	22.7	0	2.17	2.70	0	---	---	24
25	---	---	---	27.2	12.5	22.5	0	2.42	2.47	0	---	---	25
26	---	---	---	24.9	13.2	21.8	0	2.13	2.38	0	---	---	26
27	---	---	---	17.0	15.3	18.3	0	2.17	4.73	0	---	---	27
28	---	---	---	13.0	18.8	16.7	0	3.33	8.82	0	---	---	28
29	---	---	---	15.1	17.4	18.8	0	2.34	5.70	0	---	---	29
30	---		---	18.1	18.7	20.3	0	1.80	5.07	0	---	---	30
31	---		---		19.8		0	0.983		0		---	31
TOTAL	---	---	---	257.5	579.2	425.28	140.880	102.121	47.589	47.87	---	---	TOTAL
MEAN	---	---	---	8.58	18.7	14.2	4.54	3.29	1.59	1.54	---	---	MEAN
MAX	---	---	---	27.2	22.1	23.3	18.1	11.4	8.82	4.98	---	---	MAX
MIN	---	---	---	0	12.4	5.53	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.48
MAXIMUM DAILY, 27.2 ON APR 25
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	12 200
FEB	---	AUG	8 820
MAR	---	SEP	4 110
APR	22 200	OCT	4 120
MAY	50 000	NOV	---
JUN	36 700	DEC	---

TOTAL DISCHARGE, 138 000 dam³

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

LILY CREEK NEAR SLAVE LAKE - STATION NO. 07BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.028B	0.048B	0.204	0.353	0.818	0.208	0.085	0.018	0.040	---	1
2	---	---	0.028B	0.054B	0.177	0.312	0.485	0.208	0.059	0.018	0.037	---	2
3	---	---	0.027B	0.075B	0.157	0.282	3.02	0.192	0.057	0.018	0.023A	---	3
4	---	---	0.026B	0.080B	0.181	0.228	2.30	0.185	0.050	0.018	---	---	4
5	---	---	0.026B	0.054B	0.191	0.205	0.855	0.183	0.046	0.019	---	---	5
6	---	---	0.029B	0.057B	0.190	0.214	22.7	0.183	0.049	0.019	---	---	6
7	---	---	0.022B	0.059B	0.177	0.205	4.00	0.180	0.088	0.021	---	---	7
8	---	---	0.024B	0.063B	0.178	0.194	1.58	0.170	0.057	0.022	---	---	8
9	---	---	0.033B	0.075B	0.183	1.55	0.858	0.188	0.044	0.025	---	---	9
10	---	---	0.038B	0.088B	0.175	0.841	0.891	0.177	0.034	0.030	---	---	10
11	---	---	0.030B	0.115B	0.174	1.23	0.589	0.284	0.020	0.034	---	---	11
12	---	---	0.033B	0.145B	0.161	0.805	0.554	0.191	0.018	0.039	---	---	12
13	---	---	0.031B	0.185B	0.157	0.571	0.570	0.158	0.017	0.043	---	---	13
14	---	---	0.028B	0.225B	0.835	0.431	0.524	0.158	0.015	0.047	---	---	14
15	---	---	0.025B	0.282B	0.587	0.332	0.418	0.148	0.016	0.049	---	---	15
16	---	---	0.023B	0.321B	0.384	0.272	0.364	0.124	0.017	0.056	---	---	16
17	---	---	0.023B	0.288B	0.281	0.335	0.338	0.100	0.018	0.053	---	---	17
18	---	---	0.021B	0.283B	0.238	0.363	0.369	0.102	0.018	0.052	---	---	18
19	---	---	0.023B	0.319	0.209	0.270	0.581	0.108	0.020	0.049	---	---	19
20	---	---	0.030B	0.332	0.188	0.201	0.381	0.108	0.019	0.060	---	---	20
21	---	---	0.040B	0.295	0.187	0.176	0.328	0.085	0.019	0.060	---	---	21
22	---	---	0.037B	0.289	0.153	0.140	0.304	0.088	0.025	0.082	---	---	22
23	---	---	0.030B	0.286	0.155	0.177	0.280	0.078	0.028	0.053	---	---	23
24	---	---	0.038B	0.233	0.172	0.120	0.279	0.084	0.028	0.080	---	---	24
25	---	---	0.041B	0.198	0.142	0.094	0.287	0.057	0.028	0.081	---	---	25
26	---	---	0.059B	0.201	0.132	0.114	0.252	0.036	0.025	0.058	---	---	26
27	---	---	0.044B	0.218	0.124	0.183	0.233	0.035	0.022	0.045	---	---	27
28	---	---	0.038B	0.228	0.118	0.607	0.221	0.038	0.021	0.048	---	---	28
29	---	0.027B	0.032B	0.243	0.123	0.336	0.213	0.057	0.020	0.035	---	---	29
30	---		0.030B	0.241	1.11	2.71	0.233	0.070	0.020	0.043	---	---	30
31	---		0.034B		0.550		0.214	0.057		0.045		---	31
TOTAL	---	---	0.957	5.498	8.146	13.831	44.899	3.983	0.939	1.284	---	---	TOTAL
MEAN	---	---	0.031	0.183	0.263	0.461	1.45	0.128	0.031	0.041	---	---	MEAN
MAX	---	---	0.059	0.332	1.11	2.71	22.7	0.284	0.088	0.082	---	---	MAX
MIN	---	---	0.021	0.048	0.118	0.094	0.213	0.035	0.015	0.018	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.225
MAXIMUM DAILY, 22.7 ON JUL 6
MINIMUM DAILY, 0.015 ON SEP 14
MAXIMUM INSTANTANEOUS,
41.0 AT 15:30 MST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 58 N
LONG 114 48 47 W
DRAINAGE AREA, 23.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 880
FEB	---	AUG	344
MAR	82.5	SEP	81.1
APR	475	OCT	109
MAY	704	NOV	---
JUN	1 190	DEC	---

TOTAL DISCHARGE, 6 870 dam³

LITTLE BERLAND RIVER AT HIGHWAY NO. 40 - STATION NO. 07AC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1478	0.1828	0.248E	0.480	0.781	0.471	0.882	0.418	0.4188	---	1
2	---	---	0.1488	0.1848	0.248E	0.480	0.780	0.480	0.869	0.415	0.3788	---	2
3	---	---	0.1488	0.1888	0.248E	0.468	0.793	0.423	0.820	0.403	0.3778	---	3
4	---	---	0.1488	0.1888	0.249A	0.460	0.728	0.400	0.884	0.387	---	---	4
5	---	---	0.1508	0.1908	0.268	0.462	0.788	0.408	0.880	0.387	---	---	5
6	---	---	0.1518	0.1928	0.284	0.803	0.788	0.421	0.890	0.408	---	---	6
7	---	---	0.1528	0.1988	0.321	0.808	0.715	0.428	0.874	0.408	---	---	7
8	---	---	0.1538	0.1988	0.348	0.883	0.884	0.398	0.845	0.418	---	---	8
9	---	---	0.1538	0.2008	0.368	0.843	0.823	0.368	0.822	0.408	---	---	9
10	---	---	0.1538	0.2028	0.388	0.787	0.823	0.371	0.804	0.400	---	---	10
11	---	---	0.1548	0.2088	0.383	1.44	0.768	0.428	0.487	0.408	---	---	11
12	---	---	0.1558	0.2088	0.373	1.17	0.783	0.380	0.483	0.412	---	---	12
13	---	---	0.1588	0.2128	0.382	0.940	0.718	0.373	0.448	0.422	---	---	13
14	---	---	0.1578	0.2208	0.383	0.827	0.888	0.385	0.433	0.430	---	---	14
15	---	---	0.1588	0.2308	0.364	0.801	0.880	0.433	0.484	0.441	---	---	15
16	---	---	0.1588	0.2428	0.382	0.778	0.838	0.548	0.580	0.430	---	---	16
17	---	---	0.1608	0.2638	0.383	0.760	0.834	0.588	0.488	0.430	---	---	17
18	---	---	0.1618	0.2688	0.334	0.788	0.828	0.585	0.484	0.421	---	---	18
19	---	---	0.1628	0.2908	0.330	0.777	0.821	0.581	0.458	0.431	---	---	19
20	---	---	0.1638	0.2888	0.328	0.811	0.558	0.608	0.447	0.428	---	---	20
21	---	---	0.1658	0.2858	0.307	0.813	0.585	0.606	0.453	0.428	---	---	21
22	---	---	0.1668	0.2838	0.324	0.832	0.548	0.588	0.428	0.438	---	---	22
23	---	0.1438	0.1678	0.2618	0.388	0.828	0.548	0.582	0.428	0.438	---	---	23
24	---	0.1438	0.1688	0.2778	0.412	0.812	0.544	0.587	0.424	0.414	---	---	24
25	---	0.1448	0.1708	0.2738	0.448	0.778	0.508	0.818	0.428	0.3978	---	---	25
26	---	0.1458	0.1718	0.2708	0.484	0.788	0.478	0.834	0.412	0.3858	---	---	26
27	---	0.1488	0.1738	0.2678	0.482	0.778	0.528	0.883	0.418	0.3738	---	---	27
28	---	0.1488	0.1788	0.2628	0.488	0.784	0.511	0.882	0.428	0.3808	---	---	28
29	---	0.1478	0.1778	0.2668	0.832	0.848	0.475	0.898	0.428	0.4208	---	---	29
30	---		0.1788	0.2638	0.838	0.819	0.481	0.898	0.418	0.4408	---	---	30
31	---		0.1808		0.810		0.427	0.891		0.3788		---	31
TOTAL	---	---	4.880	7.043	11.284	23.778	19.820	18.311	14.803	12.771	---	---	TOTAL
MEAN	---	---	0.181	0.238	0.383	0.782	0.830	0.828	0.493	0.412	---	---	MEAN
MAX	---	---	0.180	0.280	0.838	1.44	0.783	0.898	0.882	0.441	---	---	MAX
MIN	---	---	0.147	0.182	0.248	0.440	0.427	0.371	0.412	0.380	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.451
MAXIMUM DAILY, 1.44 ON JUN 11
MINIMUM DAILY, 0.1478 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.57 AT 11:18 MST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 40 43 N
LONG 118 14 18 W
DRAINAGE AREA, 84.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 880
FEB	---	AUG	1 410
MAR	430	SEP	1 280
APR	908	OCT	1 100
MAY	973	NOV	---
JUN	2 080	DEC	---

TOTAL DISCHARGE, 9 540 dam³

LITTLE BOW CANAL AT HIGH RIVER - STATION NO. 05BL015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2288	0.3528	0.7128	0.8718	1.88	2.93	2.72	1.85	1.23	0.784	0.581	0.5838	1
2	0.2098	0.5318	0.5828	0.8408	1.84	2.92	2.88	2.14	1.18	0.784	0.582	0.5328	2
3	0.2888	0.5488	0.5708	0.8678	1.83	2.93	2.87	2.40	1.01	0.788	0.582	0.5218	3
4	0.3288	0.4728	0.5588	0.8008	1.82	2.98	2.85	2.48	0.887	0.789	0.589	0.5098	4
5	0.3678	0.5038	0.5288	0.8258	1.84	2.94	2.88	2.47	0.841	0.771	0.585	0.4878	5
6	0.4378	0.5858	0.4818	0.891	1.86	2.88	2.88	2.24	0.833	0.788	0.588	0.4888	6
7	0.4868	0.5228	0.4908	0.890	1.81	2.90	2.83	2.24	0.734	0.875	0.588	0.5018	7
8	0.4638	0.5638	0.5048	0.884	1.45	2.78	2.83	2.15	0.728	0.817	0.5418	0.4898	8
9	0.4158	0.5388	0.7388	0.880	1.81	2.88	2.81	2.00	0.711	0.488	0.4448	0.5018	9
10	0.3808	0.5438	0.5888	0.878	1.88	2.88	2.34	1.88	0.707	0.473	0.5488	0.5008	10
11	0.4268	0.5878	0.5348	0.883	2.06	2.87	2.30	1.89	0.707	0.487	0.5188	0.5478	11
12	0.4318	0.5888	0.5228	0.882	2.32	2.73	2.24	2.08	0.888	0.482	0.4418	0.5518	12
13	0.4888	0.5138	0.5638	0.883	2.48	2.71	2.14	2.04	0.884	0.843	0.5118	0.5578	13
14	0.5138	0.5128	0.5138	0.881	2.48	2.71	2.05	2.01	0.844	0.890	0.5008	0.5258	14
15	0.5258	0.5228	0.5108	0.920	2.48	2.72	2.00	1.88	0.838	0.818	0.5288	0.4988	15
16	0.5888	0.5808	0.4338	1.85	2.47	2.82	1.87	1.87	0.840	0.824	0.5448	0.4818	16
17	0.5038	0.5188	0.5118	1.81	2.52	2.88	1.88	1.88	0.882	0.828	0.5468	0.4888	17
18	0.5788	0.5208	0.4888	1.87	2.51	2.84	1.84	1.87	0.888	0.831	0.5538	0.4868	18
19	0.5048	0.5148	0.4848	1.88	2.43	2.81	1.88	1.86	0.806	0.828	0.5838	0.4828	19
20	0.5328	0.5228	0.5158	1.87	2.41	2.81	1.80	1.88	0.847	0.836	0.5838	0.4428	20
21	0.5788	0.3858	0.8148	1.86	2.38	2.85	1.14	2.04	0.792	0.874	0.5428	0.4148	21
22	0.5808	0.4088	0.5478	1.87	2.40	2.84	1.08	2.00	0.783	0.888	0.5428	0.4818	22
23	0.5528	0.4848	0.5538	1.80	2.50	2.88	1.02	1.88	0.738	0.895	0.5508	0.5108	23
24	0.5638	0.4218	0.5478	1.80	2.80	2.88	1.05	1.38	0.780	0.704	0.5338	0.4378	24
25	0.5928	0.5528	0.5278	1.82	2.77	2.85	0.880	1.34	0.780	0.733	0.5218	0.3888	25
26	0.5888	0.5238	0.5208	1.87	2.84	2.84	0.898	1.31	0.787	0.838	0.5348	0.4148	26
27	0.7008	0.5908	0.5128	1.84	2.85	2.81	0.788	1.26	0.778	0.888	0.5938	0.3808	27
28	0.6188	0.5858	0.5118	1.88	2.84	2.84	0.875	1.25	0.780	0.880	0.5618	0.3778	28
29	0.5888	0.5848	0.5328	1.88	2.83	2.87	1.03	1.20	0.777	0.835	0.5468	0.3738	29
30	0.5488		0.5668	1.88	2.84	2.78	0.880	1.24	0.787	0.888	0.5848	0.3368	30
31	0.3808		0.5708		2.88		0.884	1.24		0.885		0.3168	31
TOTAL	15.133	15.295	17.843	33.205	69.81	84.53	58.908	57.45	23.884	19.834	15.251	14.833	TOTAL
MEAN	0.488	0.582	0.588	1.11	2.26	2.82	1.84	1.85	0.762	0.833	0.542	0.472	MEAN
MAX	0.700	0.885	0.812	1.88	2.88	2.88	2.72	2.48	1.23	0.771	0.593	0.588	MAX
MIN	0.208	0.362	0.433	0.871	1.45	2.88	0.788	1.20	0.808	0.482	0.441	0.318	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 2.88 ON JUN 4
MINIMUM DAILY, 0.2088 ON JAN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 58 N
LONG 113 52 18 W

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 310	JUL	4 920
FEB	1 410	AUG	4 880
MAR	1 520	SEP	1 880
APR	2 870	OCT	1 700
MAY	6 040	NOV	1 400
JUN	7 300	DEC	1 280

TOTAL DISCHARGE, 36 800 dam³

LITTLE BOW RIVER AT CARMANGAY - STATION NO. 05AC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2858	0.0808	0.8078	2.00 B	1.78	3.04	2.18	0.458	1.38	1.40	0.897	0.4628	1
2	0.2708	0.1008	0.8408	2.45 B	2.04	2.48	1.88	0.551	1.38	1.38	0.880	0.5178	2
3	0.2508	0.0808	0.8898	2.28 B	2.05	2.12	1.77	1.44	1.21	1.32	1.04	0.5028	3
4	0.2428	0.1208	0.8518	1.89	1.81	2.27	1.81	1.87	0.848	1.30 A	0.885	0.8468	4
5	0.2308	0.1808	1.04 B	1.08	1.82	2.41	1.82	1.93	1.08	1.28 E	0.885	0.7838	5
6	0.2208	0.2008	1.08 B	0.886	1.82	2.30	1.74	2.28	1.17	1.25 E	0.821	0.7888	6
7	0.2108	0.1808	1.01 B	0.832	2.03	2.81	1.89	2.14	1.08	1.23 E	0.821	0.8838	7
8	0.1988	0.1408	1.08 B	0.847	2.07	3.23	1.94	2.41	1.17	1.21 E	0.7078	0.8278	8
9	0.1808	0.1008	1.18 B	0.818	1.88	4.17	1.38	2.84	1.28	1.18 E	0.8488	0.8008	9
10	0.1608	0.1208	1.32 B	0.880	1.82	4.21	1.18	2.82	1.38	1.18 E	0.8968	0.8118	10
11	0.1408	0.1508	1.28 B	0.883	1.37	3.88	1.18	2.82	1.38	1.14 A	0.8808	0.8188	11
12	0.1208	0.2008	1.27 B	0.857	1.18	3.27	0.972	2.81	1.32	1.14 E	0.8068	0.4688	12
13	0.0888	0.2808	1.18 B	0.870	1.48	3.29	1.03	2.18	1.40	1.18 E	0.8078	0.4118	13
14	0.0818	0.2008	1.32 B	0.832	1.88	3.01	0.880	2.20	1.18	1.18 E	0.8428	0.3848	14
15	0.2008	0.2308	1.25 B	0.880	1.75	2.47	0.807	2.24	1.14	1.18 E	0.8528	0.3738	15
16	0.1508	0.2708	1.00 B	0.836	2.05	2.11	1.17	2.01	0.884	1.18 E	0.8788	0.3898	16
17	0.1308	0.3108	1.25 B	0.732	2.04	2.06	1.32	1.85	1.03	1.18 E	0.8348	0.8388	17
18	0.1318	0.3708	1.42 B	0.882	2.11	2.17	1.08	2.10	1.18	1.18 E	0.8388	0.8708	18
19	0.1508	0.4308	1.34 B	1.85	2.25	2.22	0.878	2.44	1.22	1.17 E	0.8138	0.4488	19
20	0.1508	0.5008	1.08 B	1.78	2.12	2.26	0.911	2.32	1.30	1.17 A	0.8788	0.4188	20
21	0.1508	0.6008	1.08 B	1.78	1.84	2.18	0.846	2.40	1.32	1.17 E	0.7248	0.4008	21
22	0.1608	0.6968	1.70 B	1.70	1.82	1.92	0.836	2.87	1.38	1.16 E	0.7838	0.3868	22
23	0.1708	0.7118	2.24 B	1.60	1.43	2.18	0.828	2.88	1.38	1.16 E	0.7618	0.3758	23
24	0.1808	0.7358	2.14 B	1.58	1.08	1.86	0.908	2.81	1.22	1.15 E	0.7858	0.3858	24
25	0.2008	0.7878	2.09 B	2.28	1.08	1.91	0.868	2.81	1.03	1.15 E	0.8638	0.3808	25
26	0.2168	0.8578	1.98 B	2.28	0.818	1.82	0.881	2.38	1.87	1.14 A	0.8418	0.3808	26
27	0.2208	0.9238	1.68 B	2.21	0.880	1.97	0.833	1.77	1.60	0.7828	0.8408	0.3608	27
28	0.2208	0.9208	1.43 B	2.08	1.30	1.84	0.881	1.81	1.45	0.8858	0.8008	0.4008	28
29	0.2208	0.8878	1.39 B	1.87	1.44	2.82	0.811	1.87	1.43	0.8248	0.4338	0.4608	29
30	0.2208		1.10 B	1.73	2.88	2.84	0.838	1.82	1.42	0.8878	0.4588	0.4208	30
31	0.1108		1.81 B		3.22		0.808	1.82		0.881		0.3508	31
TOTAL	5.883	11.298	42.237	42.818	54.417	76.87	34.888	83.818	37.883	34.888	20.883	15.080	TOTAL
MEAN	0.183	0.380	1.36	1.43	1.78	2.58	1.13	2.08	1.26	1.13	0.888	0.488	MEAN
MAX	0.288	0.823	2.24	2.48	3.22	4.21	2.18	2.84	1.87	1.40	1.04	0.788	MAX
MIN	0.091	0.080	0.807	0.838	0.818	1.84	0.808	0.458	0.848	0.888	0.433	0.380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 4.21 ON JUN 10
MINIMUM DAILY, 0.0808 ON FEB 1
MAXIMUM INSTANTANEOUS,
4.37 AT 02:53 MST ON JUN 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 51 N
LONG 113 07 03 W
DRAINAGE AREA, 2 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	481	JUL	3 020
FEB	978	AUG	8 530
MAR	3 650	SEP	3 270
APR	3 700	OCT	3 020
MAY	4 700	NOV	1 780
JUN	6 540	DEC	1 300

TOTAL DISCHARGE, 38 100 dam³

LITTLE BOW RIVER BELOW TRAVERS DAM - STATION NO. 05AC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.8388	0.872	0.872	0.809	0.767	0.883	0.894	0.885	---	1
2	---	---	---	0.8428	0.886	0.836	0.781	0.785	0.858	0.702	0.848	---	2
3	---	---	---	0.8388	0.887	0.841	0.728	0.748	0.720	0.701	0.848A	---	3
4	0.7118	---	---	0.8818	0.884	0.851	0.684	0.718	0.734	0.704	---	---	4
5	---	---	---	0.8788	0.825	0.850	0.703	0.728	0.728	0.707	---	---	5
6	---	---	---	0.8518	0.817	0.843	0.877	0.731	0.881	0.711	---	---	6
7	---	---	---	0.8528	0.884	1.11	0.738	0.723	0.884	0.712	---	---	7
8	---	---	---	0.8528	0.885	1.02	0.728	0.787	0.889	0.708	---	---	8
9	---	---	---	0.8848	0.838	0.878	0.748	0.781	0.851	0.715	---	---	9
10	---	---	---	0.878	0.844	0.833	0.782	0.787	0.878	0.721	---	---	10
11	---	---	0.881A	0.884	0.844	0.811	0.788	0.784	0.871	0.713	---	---	11
12	---	---	---	0.781	0.857	0.808	0.728	0.788	0.887	0.719	---	---	12
13	---	---	---	0.884	0.863	0.801	0.728	0.778	0.884	0.728	---	0.832A	13
14	---	---	---	0.787	0.884	0.808	0.788	0.778	0.885	0.781	---	---	14
15	---	---	---	0.738	0.858	0.881	0.781	0.777	0.878	0.718	---	---	15
16	---	---	---	0.881	0.837	0.788	0.718	0.778	0.711	0.732	---	---	16
17	---	---	---	0.727	0.778	0.784	0.727	0.778	0.788	0.728	---	---	17
18	---	---	---	0.787	0.788	0.781	0.788	0.777	0.888	0.718	---	---	18
19	---	---	---	0.771	0.814	0.802	0.782	0.728	0.717	0.722	---	---	19
20	---	---	---	0.788	0.818	0.818	0.885	0.711	0.781	0.717	---	---	20
21	---	---	---	0.785	0.817	0.828	0.883	0.748	0.884	0.788	---	---	21
22	---	0.838A	---	0.821	0.847	0.778	0.874	0.878	0.878	0.881	---	---	22
23	---	---	---	0.824	0.858	0.715	0.877	0.858	0.883	0.878	0.888A	---	23
24	---	---	---	0.888	0.852	0.732	0.724	0.843	0.881	0.706	---	---	24
25	---	---	---	0.828	0.881	0.733	0.708	0.877	0.882	0.885	---	---	25
26	0.8588	---	---	0.834	1.03	0.748	0.728	0.708	0.888	0.888	---	---	26
27	---	---	---	0.832	0.888	0.881	0.703	0.841	0.704	0.874	---	---	27
28	---	---	---	0.837	0.878	0.788	0.723	0.704	0.704	0.874	---	---	28
29	---	---	0.8588	0.818	0.888	0.804	0.711	0.887	0.880	0.878	---	---	29
30	---		0.8618	0.881	0.844	0.817	0.781	0.888	0.888	0.888	---	---	30
31	---		0.8388		0.803		0.784	0.849		0.884		---	31
TOTAL	---	---	---	22.880	27.348	24.884	22.447	23.881	20.873	21.711	---	---	TOTAL
MEAN	---	---	---	0.788	0.882	0.833	0.724	0.728	0.889	0.700	---	---	MEAN
MAX	---	---	---	0.837	1.03	1.11	0.809	0.788	0.734	0.728	---	---	MAX
MIN	---	---	---	0.838	0.778	0.881	0.883	0.841	0.851	0.884	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.756
MAXIMUM DAILY, 1.11 ON JUN 7
MINIMUM DAILY, 0.8388 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 04 N
LONG 113 40 14 W
DRAINAGE AREA, 5 370 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 840
FEB	---	AUG	1 850
MAR	---	SEP	1 780
APR	1 880	OCT	1 880
MAY	2 380	NOV	---
JUN	2 130	DEC	---

TOTAL DISCHARGE, 14 000 dam³

LITTLE BOW RIVER NEAR THE MOUTH - STATION NO. 05AC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.784	1.13	0.838	1.64	1.03	0.938	---	---	1
2	---	---	---	---	0.815	1.21	0.834	2.23	0.961	1.00	---	---	2
3	---	---	---	---	0.715	1.09	0.898	2.63	0.904	1.07	---	---	3
4	---	---	---	---	1.13	1.02	1.31	2.73	0.827	1.18	---	---	4
5	---	---	---	---	1.05	0.906	1.81	1.96	0.788	1.40	---	---	5
6	---	---	---	---	0.906	0.773	2.13	1.63	0.948	1.37	---	---	6
7	---	---	---	---	0.885	1.30	2.01	1.36	1.10	1.36	---	---	7
8	---	---	---	---	0.907	3.38	1.35	1.81	1.08	1.27	---	---	8
9	---	---	---	---	1.03	3.70	1.02	1.85	1.14	1.17	---	---	9
10	---	---	---	---	1.17	2.80	0.830	1.78	1.30	1.03	---	---	10
11	---	---	---	---	0.918	2.07	1.14	1.81	1.38	1.11	---	---	11
12	---	---	---	---	0.784	1.70	1.24	1.58	1.48	1.20	---	---	12
13	---	---	---	---	0.838	1.64	1.28	1.78	1.33	1.07	---	---	13
14	---	---	---	---	1.05	1.50	1.25	1.71	1.35	0.926	---	---	14
15	---	---	---	---	0.918	1.27	1.07	1.81	1.28	1.07	---	---	15
16	---	---	---	---	1.07	1.84	1.00	2.00	1.23	0.838	---	---	16
17	---	---	---	---	1.10	2.11	0.945	1.86	1.33	0.766	---	---	17
18	---	---	---	---	1.07	2.08	0.844	1.80	1.48	0.773	---	---	18
19	---	---	---	---	0.945	1.27	1.02	1.82	1.58	0.880	---	---	19
20	---	---	---	---	0.890	0.998	1.01	1.46	1.82	2.700	---	---	20
21	---	---	---	---	0.889	1.34	0.811	1.28	1.48	0.704	---	---	21
22	---	---	---	---	0.813	1.18	0.884	1.80	1.61	0.717	---	---	22
23	---	---	---	---	0.834	0.982	0.840	1.48	1.48	0.712	---	---	23
24	---	---	---	---	0.868	0.813	0.778	1.24	1.38	0.686	---	---	24
25	---	---	---	---	0.838	0.875	0.761	1.21	1.38	0.892	---	---	25
26	---	---	---	---	0.836	0.801	0.802	1.07	1.51	0.787	---	---	26
27	---	---	---	0.770A	0.851	0.884	0.898	1.01	1.48	0.770B	---	---	27
28	---	---	---	0.898	0.850	1.01	0.746	0.946	1.38	0.817B	---	---	28
29	---	---	---	0.811	0.712	1.56	0.723	1.07	1.10	0.803B	---	---	29
30	---		---	0.798	0.883	0.958	0.884	1.08	1.15	0.888B	---	---	30
31	---		---		0.887		1.28	0.941		0.884A		---	31
TOTAL	---	---	---	---	28.432	43.948	33.310	48.077	37.788	28.941	---	---	TOTAL
MEAN	---	---	---	---	0.853	1.48	1.07	1.58	1.26	0.934	---	---	MEAN
MAX	---	---	---	---	1.17	3.70	2.13	2.73	1.58	1.40	---	---	MAX
MIN	---	---	---	---	0.634	0.773	0.634	0.941	0.788	0.802	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 3.70 ON JUN 8
MINIMUM DAILY, 0.634 ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 00 N
LONG 113 30 30 W
DRAINAGE AREA, 5 820 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 680
FEB	---	AUG	4 240
MAR	---	SEP	3 280
APR	---	OCT	2 500
MAY	2 280	NOV	---
JUN	3 890	DEC	---

TOTAL DISCHARGE, 18 000 dam³

LITTLE ELBOW RIVER ABOVE WINAHI CREEK - STATION NO. 05BJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.20	3.71	2.61	2.15	2.67	2.46	1.48	---	1
2	---	---	---	---	1.15	3.33	2.58	3.06	2.63	2.36	1.46	---	2
3	---	---	---	---	1.14	3.61	2.78	3.86	2.47	2.31	1.43A	---	3
4	---	---	---	---	1.18	3.79	2.67	6.83	2.37	2.29	---	---	4
5	---	---	---	---	1.19	4.14	2.75	6.44	2.25	2.25	---	---	5
6	---	---	---	---	1.26	5.27	2.88	4.07	2.36	2.20	---	---	6
7	---	---	---	---	1.18	3.88	2.68	3.44	2.31	2.17	---	---	7
8	---	---	---	---	1.48	12.0	2.48	3.04	2.30	2.08	---	---	8
9	---	---	---	---	2.11	8.17	2.38	2.80	2.15	2.06	---	---	9
10	---	---	---	---	2.83	7.08	2.38	2.81	2.13	2.03	---	---	10
11	---	---	---	---	3.38	6.05	2.48	2.38	2.06	2.01	---	---	11
12	---	---	---	---	4.06	5.12	2.51	2.27	2.01	2.00	---	---	12
13	---	---	---	---	4.82	4.94	2.32	2.15	1.96	1.99	---	---	13
14	---	---	---	---	4.11	4.28	2.27	2.06	2.07	1.94	---	---	14
15	---	---	---	---	3.17	4.29	2.23	2.05	2.03	1.93	---	---	15
16	---	---	---	---	3.38	4.70	2.13	1.98	2.02	1.92	---	---	16
17	---	---	---	---	3.83	5.28	2.04	1.95	2.04	1.84	---	---	17
18	---	---	---	---	3.06	5.28	1.98	1.93	1.96	1.78	---	---	18
19	---	---	---	---	2.86	4.83	1.88	1.88	1.94	1.72	---	---	19
20	---	---	---	---	2.58	4.28	1.88	2.06	1.93	1.70	---	---	20
21	---	---	---	---	2.43	4.18	1.88	2.06	1.90	1.88	---	---	21
22	---	---	---	1.11A	3.00	4.04	1.83	2.05	1.88	1.70	---	---	22
23	---	---	---	1.13	4.27	3.87	1.82	1.94	1.89	1.88	---	---	23
24	---	---	---	1.14	4.19	3.84	1.79	1.98	1.88	1.81	---	---	24
25	---	---	---	1.12	3.36	3.36	1.76	1.98	1.89	1.80	---	---	25
26	---	---	---	1.11	3.40	3.28	1.78	8.54	1.87	1.81	---	---	26
27	---	---	---	1.10	3.38	3.23	1.72	5.87	1.91	1.83	---	---	27
28	---	---	---	1.15	3.14	3.28	1.70	4.67	1.85	1.48	---	---	28
29	---	---	---	1.27	3.20	3.04	1.68	3.84	2.01	1.43	---	---	29
30	---		---	1.26	3.44	2.81	1.68	3.50	2.41	1.48	---	---	30
31	---		---		4.15		1.70	3.07		1.48		---	31
TOTAL	---	---	---	---	97.86	142.70	67.08	87.82	83.18	58.29	---	---	TOTAL
MEAN	---	---	---	---	2.83	4.76	2.16	3.16	2.11	1.88	---	---	MEAN
MAX	---	---	---	---	4.82	12.0	2.88	8.54	2.67	2.48	---	---	MAX
MIN	---	---	---	---	1.14	2.81	1.68	1.88	1.88	1.43	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 12.0 ON JUN 8
MINIMUM DAILY, 1.14 ON MAY 3
MAXIMUM INSTANTANEOUS,
30.0 AT 23:09 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 42 N
LONG 114 52 00 W
DRAINAGE AREA, 129 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 790
FEB	---	AUG	5 430
MAR	---	SEP	5 480
APR	---	OCT	5 040
MAY	7 580	NOV	---
JUN	12 300	DEC	---

TOTAL DISCHARGE, 44 800 dam³

LITTLE PADDLE RIVER NEAR MAYERTHORPE - STATION NO. 07BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.2808	0.221	0.480E	0.882	0.311	0.188	0.141	0.085	---	1
2	---	---	0.0078	0.4008	0.188	0.320E	0.881	0.308	0.178	0.131	0.0488	---	2
3	---	---	0.0078	0.4808	0.180	0.250E	0.814	0.288	0.184	0.126	0.042A	---	3
4	---	---	0.0078	0.3808	0.157	0.200E	0.488	0.272	0.148	0.118	---	---	4
5	---	---	0.0078	0.3708	0.137	0.182E	0.842	0.248	0.127	0.111	---	---	5
6	---	---	0.0088	0.3208	0.128	0.170E	14.7	0.338	0.121	0.128	---	---	6
7	---	---	0.0118	0.2808	0.122	0.200E	37.8	0.480	0.111	0.120	---	---	7
8	---	---	0.0288	0.3788	0.138	0.280E	11.2	0.488	0.108	0.107	---	---	8
9	---	---	0.0378	0.3808	0.131	0.800E	4.80	0.421	0.088	0.100	---	---	9
10	---	---	0.0468	0.3208	0.130	3.48 E	3.08	0.384	0.089	0.103	---	---	10
11	---	---	0.0588	0.2808	0.118	2.30 E	2.33	0.378	0.108	0.107	---	---	11
12	---	---	0.0708	0.2208	0.100	2.80 E	1.88	0.381	0.088	0.100	---	---	12
13	---	---	0.0888	0.183	0.088	1.90 E	1.84	0.344	0.081	0.088	---	---	13
14	---	---	0.0848	0.180	0.088	1.20 A	1.81	0.330	0.088	0.102	---	---	14
15	---	---	0.0828	0.189	0.151	0.838	1.43	0.304	0.082	0.088	---	---	15
16	---	---	0.0848	0.222	0.178	0.588	1.00	0.331	0.081	0.100	---	---	16
17	---	---	0.1178	0.217	0.128	0.515	0.788	0.826	0.077	0.111	---	---	17
18	---	---	0.1088	0.207	0.124	0.478	0.863	0.727	0.105	0.088	---	---	18
19	---	---	0.0988	0.201	0.078A	0.372	0.818	0.582	0.118	0.081	---	---	19
20	---	---	0.1088	0.188	0.080E	0.313	0.894	0.533	0.110	0.087	---	---	20
21	---	---	0.1408	0.211	0.078E	0.301	0.537	0.728	0.132	0.087	---	---	21
22	---	---	0.2108	0.225	0.118E	0.342	0.480	0.803	0.181	0.086	---	---	22
23	---	---	0.1858	0.180	0.110E	0.382	0.428	0.490	0.131	0.088	---	---	23
24	---	---	0.1808	0.236	0.102E	0.410	0.385	0.408	0.138	0.090	---	---	24
25	---	---	0.1268	0.215	0.100E	0.483	0.387	0.484	0.132	0.087	---	---	25
26	---	---	0.1108	0.170	0.110E	0.506	0.384	0.313	0.128	0.081	---	---	26
27	---	---	0.0848	0.183	0.118E	1.57	0.325	0.288	0.183	0.0778	---	---	27
28	---	---	0.0728	0.207	0.117E	2.44	0.322	0.288	0.188	0.076	---	---	28
29	---	---	0.0788	0.188	0.115E	1.94	0.314	0.244	0.171	0.072	---	---	29
30	---		0.0808	0.308	0.250E	1.15	0.324	0.227	0.188	0.085	---	---	30
31	---		0.0888		0.310E		0.307	0.214		0.081		---	31
TOTAL	---	---	2.378	7.722	4.187	25.880	90.401	12.341	3.824	3.048	---	---	TOTAL
MEAN	---	---	0.077	0.257	0.135	0.885	2.82	0.388	0.127	0.088	---	---	MEAN
MAX	---	---	0.210	0.480	0.310	3.48	37.8	0.728	0.188	0.141	---	---	MAX
MIN	---	---	0.007	0.183	0.075	0.170	0.307	0.214	0.077	0.081	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.814
MAXIMUM DAILY, 37.8 ON JUL 7
MINIMUM DAILY, 0.0078 ON MAR 2
MAXIMUM INSTANTANEOUS,
48.8 AT 08:05 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 51 N
LONG 115 10 29 W
DRAINAGE AREA, 208 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 810
FEB	---	AUG	1 070
MAR	205	SEP	330
APR	667	OCT	263
MAY	362	NOV	---
JUN	2 290	DEC	---

TOTAL DISCHARGE, 13 000 dam³

LITTLE RED DEER RIVER NEAR THE MOUTH - STATION NO. 05CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0578	0B	0 B	0.778B	2.04	1.25	0.824	0.481	2.52A	3.36	1.98	0.484B	1
2	0.0528	0B	0 B	0.867B	1.86	1.17	0.888	0.530	2.40E	3.17	1.86	0.433B	2
3	0.0508	0B	0 B	1.28 B	1.72	1.20	1.50	1.33	2.36A	2.66	1.68	0.384B	3
4	0.0478	0B	0 B	1.53 B	1.63	1.16	1.84	8.88	1.84E	2.66	1.67	0.343B	4
5	0.0458	0B	0.0058	8.80 B	1.58	1.28	1.43	4.41	1.83E	2.50	1.82	0.331B	5
6	0.0408	0B	0.0128	10.5 B	1.87	1.17	2.11	3.38	1.42A	2.25	1.72	0.304B	6
7	0.035e	0B	0.0208	9.42 B	1.88	1.18	2.84	2.41	1.40E	2.11	1.47	0.288B	7
8	0.0328	0B	0.0408	8.11 B	1.73	1.81	3.12	1.83	1.40A	2.04	1.64 B	0.283B	8
9	0.0308	0B	0.1708	8.87 B	1.88	2.83	3.22	1.71	1.38A	2.00	1.88 B	0.284B	9
10	0.0288	0B	0.1808	7.18	1.87	3.81	2.37	2.11	1.28E	1.84	1.38 B	0.3398	10
11	0.0248	0B	0.1858	6.80	1.88	5.80	1.88	1.81	1.28E	1.80	0.7838	0.3488	11
12	0.0228	0B	0.1808	6.14	1.85	4.83	1.78	1.42	1.18A	1.80	0.7008	0.3528	12
13	0.0208	0B	0.1458	5.82	1.73	3.84	1.81	1.38	1.13A	1.85	0.5808	0.3858	13
14	0.0188	0B	0.2508	5.52	1.81	3.03	1.37	2.15	2.52A	1.80	0.5008	0.3888	14
15	0.0178	0B	0.3508	5.80	1.87	2.43	1.48	2.28	3.29A	1.75	0.4008	0.3408	15
16	0.0158	0B	0.4508	6.11	1.80	2.11	1.81	2.17	1.13A	1.72	0.3708	0.3208	16
17	0.0148	0B	0.5288	5.80	1.44	1.93	1.48	13.2	1.38A	1.72	0.4808	0.3008	17
18	0.0138	0B	0.6488	5.11	1.88	1.88	1.18	22.1	2.88A	1.70	0.5408	0.2788	18
19	0.0118	0B	0.7228	4.87	1.41	1.48	1.00	23.8	4.84A	1.78	0.5808	0.2828	19
20	0.0108	0B	0.8418	4.62	1.28	1.21	0.881	19.8	5.11A	1.83	0.5308	0.2868	20
21	0.0088	0B	1.88 B	4.82	1.23	1.01	0.801	16.5 A	4.88	1.88	0.4908	0.2348	21
22	0.0078	0B	2.02 B	4.89	1.17	0.903	0.847	13.8 A	5.04	1.87	0.5208	0.2138	22
23	0.0068	0B	2.57 B	4.51	1.08	0.838	0.884	11.8 E	4.88	1.81	0.4808	0.1918	23
24	0.0068	0B	2.81 B	4.00	1.00	0.872	0.848	9.52 A	4.25	1.81	0.4408	0.1788	24
25	0.0038	0B	2.73 B	3.48	0.883	0.727	0.802	7.23 E	3.88	1.83	0.4088	0.1888	25
26	0.0038	0B	2.62 B	2.90	0.883	0.888	0.452	5.80 E	3.87	1.78	0.3858	0.1898	26
27	0.0018	0B	3.31 B	2.88	0.837	0.845	0.398	4.82 A	4.07	1.778	0.8388	0.1828	27
28	0 B	0B	2.88 B	2.18	0.828	0.813	0.411	4.15 E	4.25	1.808	0.8228	0.1828	28
29	0 B	0B	1.88 B	2.01	0.798	0.888	0.378	3.78 A	3.88	1.848	0.4818	0.1748	29
30	0 B		1.18 B	1.87	0.885	0.730	0.240	3.32 E	3.47	1.888	0.4988	0.1788	30
31	0 B		0.9388		1.15		0.272	2.87 E		1.958		0.1438	31
TOTAL	0.810	0	39.121	148.218	44.504	52.473	39.071	185.871	83.13	83.10	27.473	8.784	TOTAL
MEAN	0.020	0	0.838	4.87	1.44	1.75	1.26	8.32	2.77	2.04	0.816	0.283	MEAN
MAX	0.057	0	3.31	10.5	2.04	5.80	3.22	23.8	5.11	3.36	1.98	0.484	MAX
MIN	0	0	0	0.778	0.798	0.813	0.240	0.481	1.13	1.70	0.370	0.143	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.68
MAXIMUM DAILY, 23.8 ON AUG 19
MINIMUM DAILY, 0B ON JAN 28
MAXIMUM INSTANTANEOUS,
28.0 AT 17:02 MST ON AUG 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 40 N
LONG 114 08 20 W
DRAINAGE AREA, 2 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52.7	JUL	3 380
FEB	0	AUG	10 800
MAR	2 520	SEP	7 180
APR	12 800	OCT	5 480
MAY	3 880	NOV	2 370
JUN	4 530	DEC	788

TOTAL DISCHARGE, 89 900 dam³

LITTLE RED DEER RIVER NEAR WATER VALLEY - STATION NO. 05CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1158	0.8408	0.522	0.802	0.771	1.81	1.40	1.48	---	---	1
2	---	---	0.1028	0.8508	0.482	0.821	0.586	5.38	1.27	1.37	---	---	2
3	---	---	0.1008	0.9458	0.370	0.800	0.517	3.46	1.12	1.28	---	---	3
4	---	---	0.1008	1.05 B	0.411	0.420	0.854	2.29	1.00	1.22	---	---	4
5	---	---	0.1068	1.18 B	0.488	0.467	0.576	1.62	0.923	1.18	---	---	5
6	---	---	0.1798	1.30 B	0.708	0.838	1.67	1.17	0.880	1.11	---	---	6
7	---	---	0.1848	1.40 B	0.805	1.00	1.91	1.46	0.828	1.07	---	---	7
8	---	---	0.4808	1.80 B	0.871	1.78	1.25	1.31	0.786	1.02	---	---	8
9	---	---	0.3208	1.80 B	0.817	3.78	0.838	0.898	0.706	0.984	---	---	9
10	---	---	0.2408	1.94 B	0.708	3.14	0.822	0.818	0.848	0.953	---	---	10
11	---	---	0.2458	2.10 B	0.851	2.30	0.528	1.32	1.73	0.942	---	---	11
12	---	---	0.1288	2.26 B	0.862	1.88	0.557	2.03	2.19	0.900	---	---	12
13	---	---	0.1058	2.47 B	0.831	1.38	0.574	1.44	2.08	0.873	---	---	13
14	---	---	0.0858	2.63 B	0.805	1.28	0.518	1.03	1.84	0.876	---	---	14
15	---	---	0.0488	2.58 B	0.588	1.07	0.434	0.898	1.51	0.917	---	---	15
16	---	---	0.0888	2.57 B	0.488	0.843	0.447	10.8	1.48	0.862	---	---	16
17	---	---	0.1208	2.54 B	0.432	0.887	0.334	18.8	2.72	0.878	---	---	17
18	---	---	0.3008	2.50 B	0.430	0.591	0.328	18.3	2.88	0.906	---	---	18
19	---	---	0.5808	2.40 B	0.438	0.518	0.381	11.7	2.85	0.842	---	---	19
20	---	---	0.8208	2.30 B	0.483	0.434	0.320	8.43	2.98	0.818	---	---	20
21	---	---	1.26 B	1.85 B	0.388	0.403	0.267	7.89	2.85	0.801	---	---	21
22	---	---	1.60 B	1.50 B	0.383	0.374	0.230	5.84	2.19	0.767	---	---	22
23	---	0.1038	1.90 B	1.24 B	0.330	0.358	0.225	4.84	1.92	0.770	---	---	23
24	---	0.1578	1.83 B	0.9388	0.314	0.333	0.205	3.75	1.88	0.777	---	---	24
25	---	0.1588	1.76 B	0.7758	0.318	0.291	0.188	3.18	2.18	0.773	---	---	25
26	---	0.1578	1.72 B	0.6338	0.302	0.288	0.178	2.88	2.28	0.783A	---	---	26
27	---	0.1178	1.40 B	0.5038	0.285	0.275	0.188	2.63	2.00	0.770E	---	---	27
28	---	0.1188	0.8008	0.834	0.280	0.313	0.183	2.27	1.68	0.738E	---	---	28
29	---	0.1168	0.4048	0.860	0.288	0.387	0.172	1.98	1.75	0.720E	---	---	29
30	---		0.4208	0.884	0.378	0.727	0.178	1.78	1.84	0.740E	---	---	30
31	---		0.4788		0.588		0.173	1.82		0.780E		---	31
TOTAL	---	---	18.089	48.323	15.337	27.857	18.626	130.001	62.287	28.107	---	---	TOTAL
MEAN	---	---	0.583	1.64	0.485	0.822	0.533	4.19	1.74	0.838	---	---	MEAN
MAX	---	---	1.60	2.58	0.871	3.78	1.91	18.8	2.88	1.48	---	---	MAX
MIN	---	---	0.048	0.884	0.280	0.288	0.163	0.818	0.708	0.720	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.37
MAXIMUM DAILY, 18.8 ON AUG 17
MINIMUM DAILY, 0.0488 ON MAR 15
MAXIMUM INSTANTANEOUS,
23.9 AT 11:08 MST ON AUG 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 41 N
LONG 114 40 19 W
DRAINAGE AREA, 449 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 430
FEB	---	AUG	11 200
MAR	1 580	SEP	4 520
APR	4 000	OCT	2 510
MAY	1 330	NOV	---
JUN	2 390	DEC	---

TOTAL DISCHARGE, 28 900 dam³

LITTLE SMOKY RIVER AT LITTLE SMOKY - STATION NO. 07EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.198	5.308	8.85	8.50	18.5	4.88E	1.88	4.40	3.038	---	1
2	---	---	3.288	5.708	8.85	8.50	46.8	4.80E	1.80	4.40	3.458	---	2
3	---	---	3.338	6.008	8.80	8.50	38.4	4.80E	1.85	4.40	3.488	---	3
4	---	---	3.408	6.508	8.25	8.80	30.7	4.38E	1.80	4.10	---	---	4
5	---	---	3.478	7.208	7.20	8.80	24.8	4.20E	1.85	3.85	---	---	5
6	---	---	3.548	7.788	7.20	8.85	30.3	4.00E	1.88	3.85	---	---	6
7	---	---	3.618	8.678	8.85	7.80	27.4	3.80E	1.38	3.80	---	---	7
8	---	---	3.688	9.688	8.85	18.2	40.8	3.80E	1.88	3.80	---	---	8
9	---	---	3.758	8.838	8.85	21.4	38.0	3.70E	1.80	3.80	---	---	9
10	---	---	3.858	8.748	8.80	32.8	38.8	3.88E	2.10	3.38	---	---	10
11	---	---	4.108	9.308	8.80	88.8	42.8	3.88E	2.28	3.38	---	---	11
12	---	---	4.058	8.718	8.80	120	40.3	3.84E	2.48	3.38	---	---	12
13	---	---	4.158	7.88	8.85	143	37.7	3.68E	2.88	3.38	---	---	13
14	---	---	4.408	7.20	7.85	118	35.8	3.80E	2.85	3.38	---	---	14
15	---	---	4.858	7.20	8.30	82.8	30.7	3.80E	2.85	3.38	---	---	15
16	---	---	4.808	7.88	8.70	84.2	23.8	5.80	2.85	3.38	---	---	16
17	---	---	4.408	10.1	10.1	88.0	20.8	8.80	2.85	3.38	---	---	17
18	---	---	4.388	11.3	8.70	48.8	18.7	8.58E	3.10	3.10	---	---	18
19	---	---	4.458	11.3	10.1	42.8	18.2	8.48E	3.80	3.10	---	---	19
20	---	---	4.528	13.0	8.70	38.8	17.2	8.34E	3.80	3.38	---	---	20
21	---	---	4.588	11.7	8.54E	32.1	17.2	8.23E	3.80	3.38	---	---	21
22	---	---	4.888	13.0	7.51E	24.0	13.9	8.11E	3.85	3.10	---	---	22
23	---	---	4.905	13.4	8.50	24.8	12.0	8.18	3.88	3.38	---	---	23
24	---	---	5.308	10.8	8.50	20.8	12.1	8.28E	3.85	3.38	---	---	24
25	---	---	5.458	12.1	8.15	18.7	8.88	4.78	3.85	3.38	---	---	25
26	---	---	5.408	12.1	8.15	13.4	6.50	4.40	3.85	3.38	---	---	26
27	---	---	5.308	11.7	8.80	11.7	6.50	4.78	4.10	3.238	---	---	27
28	---	---	5.078	9.70	8.45	10.8	6.50	4.10	4.10	3.008	---	---	28
29	---	3.138	4.988	8.85	8.50	9.70	6.15	3.80	4.10	2.168	---	---	29
30	---		5.008	8.30	8.80	24.2	8.18	1.85	4.40	2.358	---	---	30
31	---		5.108		8.50		8.10E	1.88		2.588		---	31
TOTAL	---	---	134.61	281.85	234.30	1 078.78	741.48	141.13	88.40	108.28	---	---	TOTAL
MEAN	---	---	4.34	9.38	7.56	36.0	23.9	4.55	2.85	3.40	---	---	MEAN
MAX	---	---	5.45	13.4	10.1	143	46.8	8.58	4.40	4.40	---	---	MAX
MIN	---	---	3.18	5.30	5.45	5.80	8.10	1.85	1.38	2.18	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.4
MAXIMUM DAILY, 143 ON JUN 13
MINIMUM DAILY, 1.38 ON SEP 7
MAXIMUM INSTANTANEOUS,
161 AT 23:30 MST ON JUN 12

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 44 24 N
LONG 117 10 48 W
DRAINAGE AREA, 3 010 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	84 100
FEB	---	AUG	12 300
MAR	11 800	SEP	7 380
APR	24 300	OCT	8 100
MAY	20 200	NOV	---
JUN	83 200	DEC	---

TOTAL DISCHARGE, 243 000 dam³

REMARKS - PEAK FLOW WAS OBTAINED FROM HIGH WATER MARK AND GRAPH OF OBSERVED READINGS

LITTLE SMOKY RIVER NEAR GUY - STATION NO. 07EH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.71B	2.38B	5.18B	14.7B	28.7	14.1	92.3	18.7	7.08	6.44	5.08B	4.48B	1
2	2.71B	2.38B	5.10B	15.2B	28.7	14.2	122	18.3	6.78	6.52	5.21B	4.12B	2
3	2.71B	2.40B	5.43B	13.7B	30.3	14.8	110	16.4	6.36	6.58	5.28B	3.80B	3
4	2.68B	2.45B	5.67B	15.6B	28.1	14.8	86.2	14.4	6.07	7.04	5.35	3.38B	4
5	2.60B	2.50B	6.08B	16.4B	26.1	14.4	81.4	13.7	5.91	7.15	5.15	3.00B	5
6	2.58B	2.60B	5.12B	16.0B	23.3	14.4	77.8	13.0	5.82	7.10	5.43	3.02B	6
7	2.58B	2.60B	5.28B	19.5B	21.3	15.6	101	12.3	5.78	6.78	7.04	3.23B	7
8	2.58B	2.90B	5.43B	20.4B	20.2	15.4	198	12.7	5.68	6.42	6.84B	3.18B	8
9	2.63B	3.20B	6.60B	22.4B	19.6	26.7	208	12.2	5.49	6.29	5.89B	3.27B	9
10	2.63B	3.25B	7.10B	22.4B	19.0	99.0	141	11.8	5.35	6.27	5.21B	3.10B	10
11	2.45B	3.30B	7.42B	28.3	17.6	150	117	11.8	5.22	6.14	5.68B	2.98B	11
12	2.40B	3.20B	7.78B	26.2	17.2	238	115	12.4	5.10	6.20	5.02B	2.88B	12
13	2.38B	3.20B	8.23B	27.5	18.6	420 A	117	11.8	5.11	6.35	5.53B	2.80B	13
14	2.34B	3.40B	9.60B	21.6	18.9	395 A	184	11.1	5.23	6.15	5.40B	2.75B	14
15	2.34B	3.60B	9.88B	24.8	18.7	308 A	181	11.1	5.75	6.15	5.27B	2.45B	15
16	2.38B	3.75B	9.67B	31.3	21.3	238 A	134	10.5	5.75	6.05	5.02B	2.37B	16
17	2.34B	3.80B	9.61B	33.3	58.6	188	113	11.1	5.56	5.96	5.05B	2.88B	17
18	2.38B	4.00B	10.3 B	36.7	54.9	158	93.2	11.8	5.52	6.04	4.91B	2.58B	18
19	2.38B	4.05B	10.6 B	47.5	46.4	128	75.3	11.3	5.62	5.99	5.18B	2.56B	19
20	2.38B	4.10B	10.9 B	46.8	39.6	110	64.7	11.3	5.50	6.06	5.18B	2.51B	20
21	2.53B	3.95B	10.9 B	46.8	33.6	98.5	58.0	13.0	5.80	6.04	5.43B	2.45B	21
22	2.76B	3.90B	11.3 B	47.4	36.7	85.0	49.0	14.4	6.23	6.15	5.23B	2.38B	22
23	2.78B	3.95B	12.4 B	52.1	35.5	72.2	43.6	14.8	6.32	6.16	5.39B	2.30B	23
24	2.65B	4.10B	12.4 B	49.8	32.7	61.3	37.5	13.7	6.26	6.24	5.26B	2.25B	24
25	2.53B	4.30B	13.0 B	46.5	30.2	54.9	32.4	12.4	6.36	6.30	5.04B	2.15B	25
26	2.54B	4.42B	13.0 B	42.7	28.8	48.7	27.1	11.8	6.38	6.23	4.88B	2.12B	26
27	2.52B	4.46B	13.4 B	37.6	27.8	47.5	23.9	10.6	6.42	6.15B	4.92B	2.10B	27
28	2.51B	4.82B	14.2 B	33.2	27.4	45.4	21.3	9.84	6.40	5.88B	4.74B	2.07B	28
29	2.46B	4.88B	15.0 B	30.4	28.3	44.2	19.1	8.84	6.20	5.37B	4.60B	2.04B	29
30	2.43B		15.5 B	28.8	28.4	49.8	17.6	8.08	6.33	5.07B	4.78B	2.01B	30
31	2.40B		16.3 B		14.5		16.7	7.43		5.16B		2.03B	31
TOTAL	77.94	101.98	300.86	918.6	787.3	3 144.0	2 741.1	378.40	177.28	192.59	155.53	84.92	TOTAL
MEAN	2.51	3.52	9.71	30.7	25.4	105	88.4	12.1	5.91	6.21	5.02	2.74	MEAN
MAX	2.78	4.88	15.5	52.1	58.6	420	208	18.7	7.08	7.15	7.04	4.48	MAX
MIN	2.34	2.38	5.10	13.7	14.5	14.1	16.7	7.43	5.10	5.07	4.74	2.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.8
MAXIMUM DAILY, 420A ON JUN 13
MINIMUM DAILY, 2.01B ON DEC 30
MAXIMUM INSTANTANEOUS,
489 AT 22:00 MST ON JUN 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 27 25 N
LONG 117 08 40 W
DRAINAGE AREA, 11 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 730	JUL	237 000
FEB	8 810	AUG	32 900
MAR	26 000	SEP	15 300
APR	79 500	OCT	16 600
MAY	68 000	NOV	14 300
JUN	272 000	DEC	7 340

TOTAL DISCHARGE, 784 000 dam³

LLOYD CREEK NEAR BLUFFTON - STATION NO. 05CC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.111B	0.420B	0.143	0.095	0.095	0.080	0.163	0.321	---	---	1
2	---	---	0.111B	0.630B	0.137	0.073	0.189	0.082	0.168	0.282	---	---	2
3	---	---	0.111B	0.560B	0.131	0.07e	0.181	0.088	0.139	0.288	---	---	3
4	---	---	0.111B	0.570B	0.126	0.071	0.127	0.072	0.108	0.243	---	---	4
5	---	---	0.111B	0.585B	0.130	0.077	0.138	0.083	0.104	0.237	---	---	5
6	---	---	0.111B	0.538B	0.122	0.083	0.712	0.108	0.095	0.213	---	---	6
7	---	---	0.111B	0.485B	0.116	0.095	2.87	0.144	0.158	0.207A	---	---	7
8	---	---	0.114B	0.445B	0.113	0.128	5.36	0.189	0.278	0.220E	---	---	8
9	---	---	0.117B	0.400B	0.107	0.860	5.47	0.277	0.189	0.230E	---	---	9
10	---	---	0.119B	0.370E	0.100	1.89	4.37	0.843	0.171	0.213E	---	---	10
11	---	---	0.120B	0.340E	0.100	0.816	2.28	0.892	0.238	0.185E	---	---	11
12	---	---	0.119B	0.320E	0.103	0.378	1.17	0.864	0.284	0.158E	---	---	12
13	---	---	0.116B	0.300E	0.103	0.443	0.776	0.867	0.394	0.130E	---	---	13
14	---	---	0.115B	0.285E	0.103	0.882	0.668	0.814	0.338	0.140E	---	---	14
15	---	---	0.111B	0.272E	0.099	0.396	0.737	0.717	0.258	0.155E	---	---	15
16	---	---	0.111B	0.262E	0.096	0.252	0.606	0.687	0.283	0.167E	---	---	16
17	---	---	0.112B	0.252E	0.093	0.181	0.426	1.08	0.404	0.178E	---	---	17
18	---	---	0.122B	0.242E	0.089	0.134	0.282	1.50	0.826	0.180E	---	---	18
19	---	---	0.150B	0.233E	0.086	0.107	0.177	1.66	0.733	0.178E	---	---	19
20	---	---	0.205B	0.225E	0.082	0.103	0.118	1.81	0.886	0.172E	---	---	20
21	---	---	0.280B	0.225	0.078	0.086	0.112	2.26	0.895	0.170E	---	---	21
22	---	---	0.340B	0.238	0.073	0.092	0.098	3.08	0.840	0.167E	---	---	22
23	---	---	0.394B	0.211	0.070	0.092	0.081	3.81	0.686	0.164E	---	---	23
24	---	---	0.413B	0.198	0.084	0.084	0.072	3.38	0.439	0.163E	---	---	24
25	---	---	0.418B	0.188	0.083	0.086	0.066	2.84	0.382	0.160E	---	---	25
26	---	---	0.408B	0.171	0.082	0.091	0.089	2.00	0.388	0.158E	---	---	26
27	---	---	0.380B	0.163	0.085	0.081	0.072	1.47	0.428	0.158E	---	---	27
28	---	---	0.350B	0.157	0.083	0.093	0.077	1.01	0.483	0.153E	---	---	28
29	---	0.111B	0.325B	0.148	0.081	0.100	0.077	0.617	0.410	0.145E	---	---	29
30	---		0.320B	0.142	0.084	0.102	0.081	0.442	0.375	0.143E	---	---	30
31	---		0.350B		0.083		0.080	0.245		0.140E		---	31
TOTAL	---	---	6.366	8.493	2.906	7.834	28.436	32.839	10.427	5.906	---	---	TOTAL
MEAN	---	---	0.205	0.318	0.094	0.261	0.917	1.06	0.348	0.187	---	---	MEAN
MAX	---	---	0.418	0.560	0.143	1.89	5.47	3.81	0.733	0.321	---	---	MAX
MIN	---	---	0.111	0.142	0.081	0.086	0.080	0.086	0.095	0.130	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.435
MAXIMUM DAILY, 5.47 ON JUL 9
MINIMUM DAILY, 0.080 ON JUL 31
MAXIMUM INSTANTANEOUS,
5.81 AT 05:27 MST ON JUL 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 20 N
LONG 114 05 50 W
DRAINAGE AREA, 261 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 480
FEB	---	AUG	2 850
MAR	880	SEP	901
APR	830	OCT	803
MAY	281	NOV	---
JUN	877	DEC	---

TOTAL DISCHARGE, 9 010 dam³

LOOSE CREEK AT HIGHWAY NO. 41 - STATION NO. 11AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.800E	0.085	0	0	0	0	0	---	---	1
2	---	---	---	1.00 E	0.078	0	0	0	0	0	---	---	2
3	---	---	---	2.23	0.087	0	0	0	0	0	---	---	3
4	---	---	---	1.71	0.057	0	0	0	0	0	---	---	4
5	---	---	---	1.08	0.049	0	0	0	0	0	---	---	5
6	---	---	---	1.01	0.048	0	0	0	0	0	---	---	6
7	---	---	---	1.35	0.034	0	0	0	0	0	---	---	7
8	---	---	---	0.883	0.024	0	0	0	0	0	---	---	8
9	---	---	---	0.518	0.018	0	0	0	0	0	---	---	9
10	---	---	---	0.383	0.009	0	0	0	0	0	---	---	10
11	---	---	---	0.403	0.004	0	0	0	0	0	---	---	11
12	---	---	---	0.478	0.001	0	0	0	0	0	---	---	12
13	---	---	---	0.483	0	0	0	0	0	0	---	---	13
14	---	---	---	0.382	0	0	0	0	0	0	---	---	14
15	---	---	---	0.383	0	0	0	0	0	0	---	---	15
16	---	---	---	0.338	0	0	0	0	0	0	---	---	16
17	---	---	---	0.338	0	0	0	0	0	0	---	---	17
18	---	---	---	0.307	0	0	0	0	0	0	---	---	18
19	---	---	---	0.272	0	0	0	0	0	0	---	---	19
20	---	---	---	0.251	0	0	0	0	0	0.076	---	---	20
21	---	---	---	0.233	0	0	0	0	0	0.105	---	---	21
22	---	---	---	0.218	0	0	0	0	0	0.073	---	---	22
23	---	---	---	0.202	0	0	0	0	0	0.048	---	---	23
24	---	---	---	0.178	0	0	0	0	0	0.032	---	---	24
25	---	---	---	0.157	0	0	0	0	0	0.028	---	---	25
26	---	---	---	0.145	0	0	0	0	0	0.028E	---	---	26
27	---	---	---	0.138	0	0	0	0	0	0.028E	---	---	27
28	---	---	---	0.122	0	0	0	0	0	0.028E	---	---	28
29	---	---	---	0.108	0	0	0	0	0	0.028E	---	---	29
30	---		---	0.098	0	0	0	0	0	0.028E	---	---	30
31	---		---		0		0	0		0.028E		---	31
TOTAL	---	---	---	15.821	0.470	0	0	0	0	0.540	---	---	TOTAL
MEAN	---	---	---	0.527	0.015	0	0	0	0	0.017	---	---	MEAN
MAX	---	---	---	2.23	0.085	0	0	0	0	0.105	---	---	MAX
MIN	---	---	---	0.098	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.105 ON OCT 21
MINIMUM DAILY, 0 ON MAY 13
MAXIMUM INSTANTANEOUS,
3.71 AT 18:18 MST ON APR 3

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 10 N
LONG 110 15 20 W
DRAINAGE AREA, 289 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	1 370	OCT	46.7
MAY	40.6	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 87.3 dam³

REMARKS - PEAK DISCHARGE OCCURRED OUTSIDE THE STANDARD PERIOD

LOGAN RIVER NEAR THE MOUTH - STATION NO. 07CA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.295B	0.511B	1.88B	1.44	2.00	1.43	1.45 A	1.11	0.771B	---	1
2	---	---	0.297B	0.538B	1.82B	1.80	2.18	1.44	1.44	1.10	0.778B	---	2
3	---	---	0.299B	0.580B	1.78B	1.88	2.14	1.44	1.41	1.08	---	---	3
4	---	---	0.302B	0.640B	1.72	1.88	2.80	1.41A	1.27	1.05	---	---	4
5	---	---	0.305B	0.848B	1.88	1.87	2.77	1.37E	1.28	1.04	---	---	5
6	---	---	0.310B	0.872B	1.81	1.83	2.78	1.31E	1.22	1.03	---	---	6
7	---	---	0.316B	0.880B	1.84	2.15	2.80	1.28E	1.20	1.03	---	---	7
8	---	---	0.319B	0.908B	1.48	2.32	2.84	1.20E	1.18	1.03	---	---	8
9	---	---	0.322B	0.892B	1.42	2.32	2.87	1.18E	1.15	1.01	---	---	9
10	---	---	0.329B	0.951B	1.43	2.36	2.78	1.11E	1.14	1.01	---	---	10
11	---	---	0.321B	1.08 B	1.44	2.44	2.82	1.08E	1.13	1.01	---	---	11
12	---	---	0.325B	1.60 B	1.44	3.02	2.48	1.08E	1.13	1.01	---	---	12
13	---	---	0.340B	2.14 B	1.48	3.71	2.33	1.07E	1.12	1.02	---	---	13
14	---	---	0.351B	2.88 B	1.44	3.88	2.48	1.08E	1.08	1.02	---	---	14
15	---	---	0.363B	3.35 B	1.81	3.88	3.02	1.18E	1.04	1.02	---	---	15
16	---	---	0.386B	3.12 B	2.37	3.28	3.48	1.27E	1.00	1.02	---	---	16
17	---	---	0.384B	3.08 B	2.74	2.81	3.58	1.48E	1.00	1.02	---	---	17
18	---	---	0.358B	3.25 B	2.58	2.63	3.58	1.47E	1.01	1.02	---	---	18
19	---	---	0.370B	2.93 B	2.58	2.58	3.28	1.52E	0.988	1.02	---	---	19
20	---	---	0.388B	2.14 B	2.33	2.38	3.02	1.51E	0.971	1.02	---	---	20
21	---	---	0.398B	1.88 B	2.12	2.33	2.72	1.52E	0.970	1.02	---	---	21
22	---	---	0.440B	1.88 B	1.80	2.18	2.44	1.53E	0.988	1.04	---	---	22
23	---	---	0.460B	1.81 B	1.77	1.88	2.23	1.58E	0.989	1.04	---	---	23
24	---	---	0.481B	1.87 B	1.70	1.78	2.02	1.58E	1.03	1.04	---	---	24
25	---	---	0.481B	1.84 B	1.85	1.84	1.88	1.55E	1.04	1.04	---	---	25
26	---	---	0.483B	1.87 B	1.49	1.84	1.77	1.52E	1.04	1.04 B	---	---	26
27	---	---	0.474B	1.85 B	1.43	1.48	1.80	1.48E	1.03	0.978B	---	---	27
28	---	---	0.472B	1.58 B	1.45	1.42	1.47	1.48E	1.05	0.928B	---	---	28
29	---	---	0.464B	1.81 B	1.47	1.48	1.38	1.47E	1.11	0.868B	---	---	29
30	---		0.413B	1.72 B	1.32	2.17	1.34	1.48E	1.12	0.798B	---	---	30
31	---		0.442B		1.28		1.38	1.48E		0.783B		---	31
TOTAL	---	---	11.643	60.53B	53.87	67.78	78.28	42.41	33.802	31.282	---	---	TOTAL
MEAN	---	---	0.372	1.88	1.73	2.26	2.58	1.37	1.12	1.01	---	---	MEAN
MAX	---	---	0.474	3.35	2.74	3.88	3.58	1.58	1.45	1.11	---	---	MAX
MIN	---	---	0.295	0.511	1.28	1.42	1.34	1.08	0.988	0.783	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.81
MAXIMUM DAILY, 3.88 ON JUN 14
MINIMUM DAILY, 0.295B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.13 AT 18:38 MST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 16 44 N
LONG 111 43 42 W
DRAINAGE AREA, 425 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 880
FEB	---	AUG	3 880
MAR	887	SEP	2 800
APR	4 370	OCT	2 700
MAY	4 640	NOV	---
JUN	8 880	DEC	---

TOTAL DISCHARGE, 32 000 dam³

LOMOND LATERAL NEAR HEADGATE - STATION NO. 08AC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 E	5.74	12.4	7.18	9.42	3.84	4.00	0	---	1
2	---	---	---	0 E	5.84	12.4	7.17	9.42	3.84	3.97	0	---	2
3	---	---	---	0 E	5.70	12.5	7.31	8.83	3.84	3.88	0A	---	3
4	---	---	---	0 E	7.27	12.5	7.82	8.48	3.82	3.87	---	---	4
5	---	---	---	0 E	8.13	12.6	8.08	8.81	3.90	3.84	---	---	5
6	---	---	---	0 E	8.71	12.8	7.71	8.82	4.37	3.82	---	---	6
7	---	---	---	0 E	8.78	11.4	7.88	8.83	4.88	1.70	---	---	7
8	---	---	---	0 E	8.83	8.44	8.44	7.87	4.86	0	---	---	8
9	---	---	---	0 E	8.87	2.88	8.82	7.48	4.86	0	---	---	9
10	---	---	---	0 E	8.84	2.85	8.83	7.87	4.88	0	---	---	10
11	---	---	---	0 E	8.87	2.83	8.88	7.88	4.87	0	---	---	11
12	---	---	---	0 E	8.85	2.86	8.72	7.00	4.83	0	---	---	12
13	---	---	---	0 E	10.6	2.88	8.80	8.78	4.82	0	---	---	13
14	---	---	---	0 E	10.6	2.82	8.88	8.78	4.48	0	---	---	14
15	---	---	---	0 E	10.6	2.86	8.83	8.78	4.43	0	---	---	15
16	---	---	---	0 E	10.6	3.00	8.88	8.78	4.84	0	---	---	16
17	---	---	---	0 E	10.7	3.73	8.85	8.33	5.08	0	---	---	17
18	---	---	---	0 E	10.7	4.07	8.85	8.85	5.03	0	---	---	18
19	---	---	---	0 E	10.7	4.04	8.77	8.88	5.00	0	---	---	19
20	---	---	---	0 E	10.6	4.07	8.76	8.83	4.88	0	---	---	20
21	---	---	---	0 A	10.8	7.17	8.77	8.84	4.38	0	---	---	21
22	---	---	---	0	10.8	8.88	8.83	8.81	4.01	0	---	---	22
23	---	---	---	0	10.8	8.32	8.81	8.22	4.02	0	---	---	23
24	---	---	---	0	10.8	8.31	8.81	8.18	4.01	0	---	---	24
25	---	---	---	0.473	10.8	8.27	8.78	8.18	3.87	0	---	---	25
26	---	---	---	2.23	10.8	8.31	8.88	8.28	3.88	0	---	---	26
27	---	---	---	3.82	10.8	10.6	8.72	8.14	3.88	0	---	---	27
28	---	---	---	4.84	10.8	11.6	8.87	8.08	3.87	0	---	---	28
29	---	---	---	5.87	10.8	8.96	8.80	4.40	3.87	0	---	---	29
30	---		---	5.70	11.8	8.88	8.33	3.97	4.00	0	---	---	30
31	---		---		12.4		8.48	3.86		0		---	31
TOTAL	---	---	---	21.833	304.25	224.15	263.83	205.29	130.43	25.48	---	---	TOTAL
MEAN	---	---	---	0.721	9.81	7.47	8.18	8.62	4.35	0.822	---	---	MEAN
MAX	---	---	---	5.70	12.4	12.6	8.83	8.42	5.08	4.00	---	---	MAX
MIN	---	---	---	0	5.74	2.83	7.18	3.88	3.80	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.88
MAXIMUM DAILY, 12.6 ON JUN 5
MINIMUM DAILY, 0E ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 50 N
LONG 112 38 40 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	24 500
FEB	---	AUG	17 700
MAR	---	SEP	11 300
APR	1 870	OCT	2 200
MAY	28 300	NOV	---
JUN	19 400	DEC	---

TOTAL DISCHARGE, 103 000 dam³

LOVETT RIVER NEAR THE MOUTH - STATION NO. 07BA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.8808	0.282	0.880E	0.883	0.440	0.451	0.2538	---	1
2	---	---	---	---	0.8448	0.324	0.800E	0.888	0.389	0.425	---	---	2
3	---	---	---	---	0.7488	0.340	0.780E	0.889	0.448	0.410	---	---	3
4	---	---	---	---	0.6388	0.315	0.700E	0.818	0.484	0.388	---	---	4
5	---	---	---	---	0.588	0.402	0.800E	0.870	0.482	0.387	---	---	5
6	---	---	---	---	0.805	0.837	1.00 A	1.40	0.448	0.378	---	---	6
7	---	---	---	---	0.585	1.21	1.31	1.67	0.482	0.375	---	---	7
8	---	---	---	---	0.557	3.08	1.05	1.09	0.398	0.383	---	---	8
9	---	---	---	---	0.538	4.87	0.848	0.858	0.388	0.371	---	---	9
10	---	---	---	---	0.472	2.71	1.01	0.807	0.528	0.408	---	---	10
11	---	---	---	---	0.488	2.83	1.23	0.728	0.472	0.424	---	---	11
12	---	---	---	---	0.486	2.14	1.14	0.885	0.485	0.388	---	---	12
13	---	---	---	---	0.444	1.84	0.940	0.588	0.401	0.388	---	---	13
14	---	---	---	---	0.488	1.62	0.784	0.841	0.380	0.414	---	---	14
15	---	---	---	---	0.431	1.43	0.737	0.832	0.370	0.418	---	---	15
16	---	---	---	---	0.376	1.32	0.784	0.838	0.588	0.389	---	---	16
17	---	---	---	---	0.368	1.23	0.788	0.873	0.880	0.376	---	---	17
18	---	---	---	---	0.347	1.17	0.748	0.821	0.584	0.3768	---	---	18
19	---	---	---	---	0.384	1.15	0.678	0.743	0.572	0.3768	---	---	19
20	---	---	---	---	0.352	1.02	0.880	0.788	0.583	0.377	---	---	20
21	---	---	---	---	0.343	0.883	0.848	0.777	0.838	0.372	---	---	21
22	---	---	---	---	0.334	0.842	0.814	0.720	0.494	0.381	---	---	22
23	---	---	---	---	0.333	0.888	0.818	0.827	0.482	0.384	---	---	23
24	---	---	---	---	0.337	1.01	0.674	0.857	0.438	0.384	---	---	24
25	---	---	---	---	0.296	0.848	0.880	0.838	0.447	0.3808	---	---	25
26	---	---	---	---	0.298	0.830E	0.835	0.497	0.471	0.3388	---	---	26
27	---	---	---	0.8038	0.314	0.850E	0.888	0.808	0.483	0.3048	---	---	27
28	---	---	---	0.8778	0.306	0.900E	0.822	0.485	0.821	0.2828	---	---	28
29	---	---	---	0.8988	0.300	1.00 E	0.801	0.428	0.811	0.2488	---	---	29
30	---		---	0.8838	0.314	0.820E	0.827	0.808	0.487	0.2888	---	---	30
31	---		---		0.304		0.894	0.822		0.2888		---	31
TOTAL	---	---	---	---	14.102	38.262	23.772	23.721	14.382	11.488	---	---	TOTAL
MEAN	---	---	---	---	0.455	1.31	0.767	0.733	0.479	0.370	---	---	MEAN
MAX	---	---	---	---	0.880	4.87	1.31	1.67	0.880	0.451	---	---	MAX
MIN	---	---	---	---	0.296	0.282	0.674	0.428	0.370	0.249	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.883
MAXIMUM DAILY, 4.87 ON JUN 8
MINIMUM DAILY, 0.2488 ON OCT 29
MAXIMUM INSTANTANEOUS,
5.29 AT 08:31 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 59 50 N
LONG 116 38 20 W
DRAINAGE AREA, 101 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 050
FEB	---	AUG	1 880
MAR	---	SEP	1 240
APR	---	OCT	880
MAY	1 220	NOV	---
JUN	3 380	DEC	---

TOTAL DISCHARGE, 10 800 dam³

LOWER KANANASKIS LAKE - STATION NO. 05BF008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1884.78	1884.36	1884.78	1881.53	1857.25	1855.78	1881.90	1883.84	1885.13	1886.04	1886.07	1885.56	1
2	1884.74	1884.36	1884.68	1881.44	1857.08	1855.68	1882.01	1883.87	1885.22	1886.07	1886.12	1885.44	2
3	1884.73	1884.36	1884.57	1881.38	1856.88	1856.09	1882.11	1883.72	1885.28	1886.07	1886.17	1885.41	3
4	1884.70	1884.40	1884.44	1881.21	1856.84	1856.28	1882.21	1883.74	1885.28	1886.13	1886.13	1885.39	4
5	1884.66	1884.40	1884.30	1881.04	1856.47	1856.39	1882.37	1883.77	1885.30	1886.20	1886.18	1885.26	5
6	1884.59	1884.36	1884.51	1880.87	1856.23	1856.60	1882.47	1883.83	1885.31	1886.24	1886.16	1885.22	6
7	1884.52	1884.36	1884.41	1880.88	1856.13	1856.98	1882.53	1883.88	1885.37	1886.29	1886.11	1885.14	7
8	1884.45	1884.42	1884.30	1880.48	1856.19	1857.43	1882.82	1883.87	1885.46	1886.32	1886.08	1885.04	8
9	1884.42	1884.48	1884.18	1880.38	1855.99	1857.77	1882.71	1884.02	1885.80	1886.28	1886.03	1884.93	9
10	1884.40	1884.81	1884.07	1880.29	1855.71	1858.08	1882.78	1884.07	1885.82	1886.31	1886.03	1884.80	10
11	1884.34	1884.82	1883.94	1880.13	1855.44	1858.28	1882.82	1884.11	1885.84	1886.32	1886.04	1884.63	11
12	1884.46	1884.86	1883.86	1859.86	1855.28	1858.47	1883.00	1884.16	1885.84	1886.28	1886.09	1884.75	12
13	1884.46	1884.81	1883.86	1859.76	1855.12	1858.86	1883.04	1884.19	1885.74	1886.26	1886.10	1884.88	13
14	1884.43	1884.81	1883.81	1859.85	1855.06	1858.82	1883.13	1884.22	1885.77	1886.25	1886.08	1884.89	14
15	1884.42	1884.85	1883.71	1859.54	1855.06	1858.96	1883.19	1884.23	1885.78	1886.26	1885.99	1884.83	15
16	1884.38	1884.85	1883.66	1859.51	1854.98	1859.21	1883.26	1884.27	1885.81	1886.32	1885.87	1884.41	16
17	1884.40	1884.87	1883.42	1859.41	1854.83	1859.46	1883.33	1884.30	1885.83	1886.27	1885.87	1884.34	17
18	1884.33	1884.70	1883.28	1859.32	1854.72	1859.71	1883.43	1884.34	1885.85	1886.21	1885.82	1884.26	18
19	1884.31	1884.74	1883.24	1859.22	1854.84	1859.88	1883.42	1884.38	1885.87	1886.15	1885.82	1884.17	19
20	1884.26	1884.74	1883.26	1858.98	1854.84	1860.11	1883.46	1884.42	1885.87	1886.09	1885.81	1884.11	20
21	1884.25	1884.74	1883.12	1858.78	1854.48	1860.38	1883.49	1884.45	1885.89	1886.04	1885.86	1884.01	21
22	1884.25	1884.75	1882.93	1858.63	1854.61	1860.66	1883.52	1884.46	1885.90	1886.14	1885.86	1883.91	22
23	1884.28	1884.75	1882.74	1858.56	1854.59	1860.88	1883.56	1884.50	1885.91	1886.15	1885.84	1883.81	23
24	1884.30	1884.75	1882.56	1858.46	1854.71	1861.07	1883.56	1884.57	1885.83	1886.12	1885.81	1883.72	24
25	1884.28	1884.74	1882.36	1858.33	1854.70	1861.19	1883.58	1884.69	1885.85	1886.14	1885.78	1883.67	25
26	1884.30	1884.75	1882.36	1858.12	1854.80	1861.31	1883.61	1884.81	1885.93	1886.17	1885.77	1883.80	26
27	1884.32	1884.76	1882.34	1857.97	1855.12	1861.46	1883.63	1884.85	1886.00	1886.18	1885.77	1883.63	27
28	1884.31	1884.77	1882.17	1857.75	1855.30	1861.53	1883.66	1884.89	1886.05	1886.13	1885.70	1883.60	28
29	1884.28	1884.78	1881.86	1857.54	1855.48	1861.58	1883.69	1884.93	1886.03	1886.11	1885.80	1883.27	29
30	1884.35		1881.77	1857.41	1855.61	1861.61	1883.86	1885.01	1886.01	1886.11	1885.82	1883.14	30
31	1884.35		1881.80		1855.72		1883.86	1885.04		1886.09		1883.04	31
MEAN	1884.42	1884.80	1883.44	1859.84	1855.48	1859.03	1883.08	1884.29	1885.89	1886.18	1885.85	1884.38	MEAN
MAX	1884.78	1884.78	1884.78	1881.53	1857.25	1861.61	1883.69	1885.04	1886.05	1886.32	1886.17	1885.56	MAX
MIN	1884.25	1884.36	1881.80	1857.41	1854.48	1855.78	1881.90	1883.84	1885.13	1886.04	1885.80	1883.04	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1883.00
MAXIMUM DAILY, 1886.32 ON OCT 5
MINIMUM DAILY, 1854.48 ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 20 N
LONG 115 07 30 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
389 km²

WATER LEVELS ARE REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.283 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOYALIST CREEK NEAR CONSORT - STATION NO. 05EA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0388	0.0588	0.001	0.008	0.003	0	0	0	---	---	1
2	---	---	0.1018	0.0888	0.001	0.004	0	0.127	0	0	---	---	2
3	---	---	0.0078	0.0888	0.001	0.002	0	0.017	0	0	---	---	3
4	---	---	0.0068	0.0338	0.001	0.001	0	0.001	0	0	---	---	4
5	---	---	0.0108	0.0178	0.001	0	0	0	0	0	---	---	5
6	---	---	0.0388	0.008	0.001	0	0	0	0	0	---	---	6
7	---	---	0.0298	0.007	0.001	0	0	0	0	0	---	---	7
8	---	---	0.0088	0.006	0.001	0.001	0	0	0	0	---	---	8
9	---	---	0.0198	0.004	0.001	0.007	0	0	0	0	---	---	9
10	---	---	0.0158	0.004	0.001	0.002	0	0	0	0	---	---	10
11	---	---	0.0078	0.003	0.001	0	0	0	0	0	---	---	11
12	---	---	0.0068	0.003	0	0	0	0	0	0	---	---	12
13	---	---	0.0038	0.003	0.001	0	0	0	0	0	---	---	13
14	---	---	0.0048	0.003	0	0	0	0	0	0	---	---	14
15	---	---	0.0038	0.002	0	0	0	0	0	0	---	---	15
16	---	0 B	0.0578	0.002	0	0	0	0	0	0	---	---	16
17	---	0 B	0.0308	0.002	0.001	0	0	0	0	0	---	---	17
18	---	0 B	0.0948	0.002	0.015	0	0	0	0	0	---	---	18
19	---	0 B	0.0848	0.002	0.040	0	0	0.003	0	0	---	---	19
20	---	0 B	0.0188	0.002	0.004	0	0	0	0	0	---	---	20
21	---	0 B	0.0118	0.002	0.070	0	0	0.035	0	0	---	---	21
22	---	0 B	0.0088	0.002	0.256	0	0	0.078	0	0	---	---	22
23	---	0 B	0.0088	0.002	0.061	0	0	0.006	0.003	0	---	---	23
24	---	0 B	0.0118	0.002	0.017	0	0	0.002	0.121	0	---	---	24
25	---	0 B	0.0148	0.002	0.006	0	0	0.002	0.117	0	---	---	25
26	---	0 B	0.0388	0.002	0.003	0	0	0.002	0.104	0	---	---	26
27	---	0 B	0.0428	0.001	0.001	0	0	0.002	0.087	0	---	---	27
28	---	0 B	0.1088	0.002	0	0	0	0.001	0.068	0	---	---	28
29	---	0.0018	0.0778	0.002	0.001	0.003	0	0.001	0.002	0	---	---	29
30	---		0.0348	0.001	0.002	0.028	0	0	0	0	---	---	30
31	---		0.0518		0.006		0	0		0		---	31
TOTAL	---	---	1.036	0.328	0.388	0.051	0.003	0.378	0.492	0	---	---	TOTAL
MEAN	---	---	0.033	0.011	0.012	0.002	0	0.008	0.016	0	---	---	MEAN
MAX	---	---	0.108	0.088	0.070	0.028	0.003	0.127	0.121	0	---	---	MAX
MIN	---	---	0.003	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.010
MAXIMUM DAILY, 0.127 ON AUG 3
MINIMUM DAILY, 0 ON MAY 12
MAXIMUM INSTANTANEOUS,
0.228 AT 06:30 MST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 04 N
LONG 110 48 54 W
DRAINAGE AREA, 280 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.26
FEB	---	AUG	23.5
MAR	88.3	SEP	42.5
APR	28.4	OCT	0
MAY	31.8	NOV	---
JUN	4.41	DEC	---

TOTAL DISCHARGE, 220 dam³

LUTOSE CREEK NEAR STEEN RIVER - STATION NO. 07EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0028	3.10	3.43	8.05	2.04	0.369	0.317	0.4888	---	1
2	---	---	0 B	0.0158	2.81	3.17	8.28	2.01	0.317	0.302	---	---	2
3	---	---	0 B	0.0888	2.84	3.16	10.6	1.91	0.284	0.287	---	---	3
4	---	---	0 B	0.0428	2.98	3.38	13.1	1.78 A	0.381	0.284	---	---	4
5	---	---	0 B	0.0328	3.22	3.22	11.8	1.88 A	0.368	0.288	---	---	5
6	---	---	0 B	0.0288	3.28	2.87	10.1	1.88 A	0.324	0.282	---	---	6
7	---	---	0 B	0.0188	3.15	2.82	8.42	1.48 A	0.382	0.278	---	---	7
8	---	---	0 B	0.0158	2.88	2.82	7.00	1.40 A	0.386	0.280	---	---	8
9	---	---	0 B	0.0748	2.81	3.00	6.00	1.33 A	0.386	0.277	---	---	9
10	---	---	0 B	0.1488	2.81	6.85	5.11	1.25 A	0.382	0.288	---	---	10
11	---	---	0 B	0.1448	2.81	7.73	4.38	1.17 A	0.380	0.284	---	---	11
12	---	---	0 B	0.1248	2.82	7.87	3.86	1.08 A	0.371	0.282	---	---	12
13	---	---	0 B	0.1008	2.86	7.51	3.44	1.05 A	0.323	0.282	---	---	13
14	---	---	0 B	0.0878	2.82	7.47	3.75	1.03 A	0.303	0.286	---	---	14
15	---	---	0 B	0.1648	2.37	6.81	4.15	0.988A	0.287	0.317	---	---	15
16	---	---	0 B	0.8448	2.30	5.15	3.88	0.873A	0.320	0.324	---	---	16
17	---	---	0 B	0.8628	2.32	5.30	3.71	0.938A	0.338	0.325	---	---	17
18	---	---	0 B	0.7148	2.48	4.86	3.68	0.949	0.340	0.311	---	---	18
19	---	---	0 B	0.8238	2.48	4.15	3.41	0.881	0.344	0.303	---	---	19
20	---	---	0 B	1.05 B	2.38	3.86A	3.38	0.841	0.342	0.2928	---	---	20
21	---	---	0 B	2.80 B	2.27	3.17A	3.14	0.888	0.343	0.3188	---	---	21
22	---	---	0 B	1.78 B	2.12	2.84	2.93A	0.846	0.343	0.3288	---	---	22
23	---	0B	0 B	2.12 B	2.02	2.81	2.76A	0.879	0.338	0.2888	---	---	23
24	---	0B	0 B	2.88 B	2.03	2.81	2.59A	0.809	0.336	0.2888	---	---	24
25	---	0B	0 B	2.86 B	2.07	2.68	2.43A	0.840	0.327	0.2868	---	---	25
26	---	0B	0 B	3.17 B	2.00	2.31	2.23A	0.886	0.326	0.2748	---	---	26
27	---	0B	0 B	3.48	1.96	2.14	2.15	0.843	0.328	0.2748	---	---	27
28	---	0B	0 B	3.40	2.01	2.08	2.32	0.807	0.324	0.2838	---	---	28
29	---	0B	0 B	3.23	2.16	2.06	2.14	0.286	0.327	0.3108	---	---	29
30	---		0.0018	3.21	3.08	2.80	2.08	0.347	0.323	0.3538	---	---	30
31	---		0.0068		3.53		2.03	0.371		0.4588		---	31
TOTAL	---	---	0.008	34.154	80.77	120.96	150.96	31.882	10.130	9.274	---	---	TOTAL
MEAN	---	---	0	1.14	2.81	4.03	4.87	1.03	0.338	0.299	---	---	MEAN
MAX	---	---	0.008	3.48	3.53	7.73	13.1	2.04	0.386	0.458	---	---	MAX
MIN	---	---	0	0.002	1.96	2.06	2.03	0.295	0.281	0.282	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.79
MAXIMUM DAILY, 13.1 ON JUL 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
13.3 AT 14:30 MST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 24 18 N
LONG 117 17 00 W
DRAINAGE AREA, 282 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13 000
FEB	---	AUG	2 780
MAR	0.82	SEP	875
APR	2 880	OCT	801
MAY	6 880	NOV	---
JUN	10 800	DEC	---

TOTAL DISCHARGE, 37 900 dam³

MACKAY CREEK AT WALSH - STATION NO. 08AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0 B	0.050	0.005	0	0	0	0	0	0A	---	1
2	---	0	0 B	0.061	0.003	0	0	0	0	0	---	---	2
3	---	0	0.0018	0.382	0.002	0	0	0	0	0	---	---	3
4	---	0	0.0028	0.530	0.001	0	0	0	0	0	---	---	4
5	---	0	0.0038	0.428	0	0	0	0	0	0	---	---	5
6	---	0	0.0048	0.057	0	0	0	0	0	0	---	---	6
7	---	0	0.0058	0.026	0	0	0	0	0	0	---	---	7
8	---	0	0.0068	0.026	0	0	0	0	0	0	---	---	8
9	---	0	0.0118	0.007	0	0	0	0	0	0	---	---	9
10	---	0	0.0138	0.001	0	0	0	0	0	0	---	---	10
11	---	0	0.0118	0.037	0	0	0	0	0	0	---	---	11
12	---	0	0.0158	0.044	0	0	0	0	0	0	---	---	12
13	---	0	0.0102	0.173	0	0	0	0	0	0	---	---	13
14	---	0	0.0088	0.088	0	0	0	0	0	0	---	---	14
15	---	0	0.0078	0.057	0	0	0	0	0	0	---	---	15
16	---	0	0.007	0.044	0	0	0	0	0	0	---	---	16
17	---	0	0.006	0.035	0	0	0	0	0	0	---	---	17
18	---	0	0.006	0.028	0	0	0	0	0	0	---	---	18
19	---	0	0.005	0.023	0	0	0	0	0	0	---	---	19
20	---	0	0.019	0.021	0	0	0	0	0	0	---	---	20
21	---	0	0.305	0.018	0	0	0	0	0	0	---	---	21
22	---	0	1.05	0.013	0	0	0	0	0	0	---	---	22
23	---	0	0.682	0.012	0	0	0	0	0	0	---	---	23
24	---	0	0.3718	0.012	0	0	0	0	0	0	---	---	24
25	---	0	0.2248	0.011	0	0	0	0	0	0	---	---	25
26	---	0	0.1578	0.010	0	0	0	0	0	0	---	---	26
27	0A	0	0.1328	0.009	0	0	0	0	0	0	---	---	27
28	0	0	0.1008	0.009	0	0	0	0	0	0	---	---	28
29	0	0	0.0878	0.008	0	0	0	0	0	0	---	---	29
30	0		0.0588	0.008	0	0	0	0	0	0	---	---	30
31	0		0.0888		0		0	0		0		---	31
TOTAL	---	0	3.323	2.186	0.011	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.107	0.073	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	1.05	0.530	0.005	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 1.05 ON MAR 22
MINIMUM DAILY, 0 ON FEB 1
MAXIMUM INSTANTANEOUS,
2.55 AT 09:25 MST ON MAR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 30 N
LONG 110 02 40 W
DRAINAGE AREA, 436 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	287	SEP	0
APR	190	OCT	0
MAY	0.05	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 478 dam³

MACKAY CREEK NEAR GRABURN GAP - STATION NO. 05AH042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0048	0.122B	0.250	0.014	0	0	0	0	0	0	---	1
2	---	0.0038	0.110B	0.488	0.014	0	0	0	0	0	0A	---	2
3	---	0.0028	0.080B	0.448	0.014	0	0	0	0	0	---	---	3
4	---	0.0018	0.070B	0.258	0.011	0	0	0	0	0	---	---	4
5	---	0.0018	0.090B	0.188	0.008	0	0	0	0	0	---	---	5
6	---	0.0018	0.084B	0.138	0.022	0	0	0	0	0	---	---	6
7	---	0.0018	0.097B	0.188	0.043	0	0	0	0	0	---	---	7
8	---	0.0018	0.100B	0.078	0.035	0	0	0	0	0	---	---	8
9	---	0.0018	0.127B	0.057	0.018	0	0	0	0	0	---	---	9
10	---	0.0018	0.120B	0.053	0.008	0	0	0	0	0	---	---	10
11	---	0.0028	0.092B	0.581	0.008	0	0	0	0	0	---	---	11
12	---	0.0038	0.070B	0.137	0.004	0	0	0	0	0	---	---	12
13	---	0.0058	0.080B	0.083	0.001	0	0	0	0	0	---	---	13
14	---	0.0078	0.080B	0.080	0	0	0	0	0	0	---	---	14
15	---	0.0098	0.088B	0.080	0	0	0	0	0	0	---	---	15
16	---	0.011B	0.078	0.047	0	0	0	0	0	0	---	---	16
17	---	0.013B	0.082	0.045	0	0	0	0	0	0	---	---	17
18	---	0.040B	0.091	0.043	0	0	0	0	0	0	---	---	18
19	---	0.130B	0.182	0.040	0	0	0	0	0	0.203	---	---	19
20	---	0.186B	1.00	0.038	0	0	0	0	0	1.08	---	---	20
21	---	0.150B	0.882	0.033	0	0	0	0	0	1.10	---	---	21
22	---	0.110B	0.460	0.030	0	0	0	0	0	1.05	---	---	22
23	---	0.080B	0.193	0.027	0	0	0	0	0	0.988	---	---	23
24	---	0.046B	0.126B	0.025	0	0	0	0	0	0.784	---	---	24
25	---	0.050B	0.103B	0.026	0	0	0	0	0	0.677	---	---	25
26	---	0.090B	0.084B	0.025	0	0	0	0	0	0.618	---	---	26
27	0.008B	0.140B	0.080B	0.026	0	0	0	0	0	0	---	---	27
28	0.008B	0.180B	0.032B	0.020	0	0	0	0	0	0	---	---	28
29	0.007B	0.135B	0.028B	0.017	0	0	0	0	0	0	---	---	29
30	0.008B		0.082B	0.018	0	0	0	0	0	0	---	---	30
31	0.008B		0.103B		0		0	0		0		---	31
TOTAL	---	1.341	5.116	3.434	0.202	0	0	0	0	5.276	---	---	TOTAL
MEAN	---	0.048	0.165	0.114	0.007	0	0	0	0	0.170	---	---	MEAN
MAX	---	0.186	1.00	0.581	0.043	0	0	0	0	1.10	---	---	MAX
MIN	---	0.001	0.026	0.018	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.056
MAXIMUM DAILY, 1.10 ON OCT 21
MINIMUM DAILY, 0 ON MAY 14
MAXIMUM INSTANTANEOUS,
1.88 AT 21:35 MST ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 26 N
LONG 110 02 33 W
DRAINAGE AREA, 75.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	119	AUG	0
MAR	442	SEP	0
APR	297	OCT	456
MAY	17.5	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 330 dam³

MACKAY RIVER ABOVE DUNKIRK RIVER - STATION NO. 07DD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.020B	0.060B	3.47	3.90	11.2	5.06	2.38	1.81	1.13B	---	1
2	---	---	0.025B	0.070B	3.51	5.10	11.4	4.46	2.37	1.77	1.11B	---	2
3	---	---	0.030B	0.127B	3.89	5.85	11.4	4.00	2.43	1.72	---	---	3
4	---	---	0.035B	0.172B	4.04	5.86	11.6	3.80	2.51	1.69	---	---	4
5	---	---	0.031B	0.185B	4.80	6.11	12.3	3.21	2.44	1.67	---	---	5
6	---	---	0.025B	0.195B	5.26	6.67	15.6	2.88	2.25	1.63	---	---	6
7	---	---	0.022B	0.167B	5.75	7.80	23.7	2.62	2.03	1.58	---	---	7
8	---	---	0.023B	0.162B	6.63	8.12	31.5	2.46	1.83	1.58	---	---	8
9	---	---	0.023B	0.157B	5.88	8.44	36.3	2.25	1.70	1.54	---	---	9
10	---	---	0.022B	0.163B	5.42	8.60	38.6	2.13	1.67	1.47	---	---	10
11	---	---	0.023B	0.280B	5.08	9.67	34.8	2.12	1.43	1.47	---	---	11
12	---	---	0.023B	0.788B	4.80	15.0	34.3	2.08	1.32	1.47	---	---	12
13	---	---	0.023B	1.71 B	4.66	20.0	35.0	1.90	1.27	1.42	---	---	13
14	---	---	0.027B	2.74 B	4.42	23.0	38.0	1.83	1.19	1.36	---	---	14
15	---	---	0.024B	3.84 B	4.16	22.8	42.8	1.83	1.59	1.35	---	---	15
16	---	---	0.024B	5.23 B	4.07	21.8	44.0	1.78	2.02	1.33	---	---	16
17	---	---	0.024B	6.73 B	3.92	21.4	42.8	1.66	2.10	1.28	---	---	17
18	---	---	0.024B	7.76 B	3.86	21.0	38.7	1.58	2.12	1.27	---	---	18
19	---	---	0.025B	8.18 B	3.77	20.0	36.3	1.65	2.11	1.27	---	---	19
20	---	---	0.027B	7.12 B	3.84	18.4	33.8	1.85	2.03	1.28	---	---	20
21	---	---	0.028B	6.74 B	3.38	16.5	29.0	1.70	1.85	1.24	---	---	21
22	---	---	0.026B	4.70 B	3.27	14.3	25.4	1.81	1.81	1.22B	---	---	22
23	---	---	0.028B	4.14 B	3.14	12.6	22.1	1.88	1.83	1.21B	---	---	23
24	---	---	0.032B	3.81 B	2.98	10.6	19.2	1.71	1.83	1.20B	---	---	24
25	---	---	0.031B	3.37 B	2.82	9.28	16.7	1.69	1.67	1.20B	---	---	25
26	---	---	0.032B	3.28 B	2.71	8.04	14.4	1.47	1.83	1.19B	---	---	26
27	---	---	0.034B	3.17 B	2.74	7.26	12.4	1.38	1.84	1.19B	---	---	27
28	---	---	0.034B	2.88	2.48	8.87	10.8	1.25	1.88	1.18B	---	---	28
29	---	---	0.031B	3.12	2.38	8.58	8.88	1.15	1.85	1.17B	---	---	29
30	---		0.032B	3.22	2.31	8.88	7.47	1.14	1.84	1.18B	---	---	30
31	---		0.036B		3.23		6.02	1.98		1.18B		---	31
TOTAL	---	---	0.847	83.422	120.82	361.33	783.17	67.87	57.83	43.03	---	---	TOTAL
MEAN	---	---	0.027	2.78	3.90	12.0	24.3	2.19	1.93	1.39	---	---	MEAN
MAX	---	---	0.036	8.18	6.63	23.0	44.0	6.06	2.51	1.81	---	---	MAX
MIN	---	---	0.020	0.060	2.38	3.90	6.02	1.14	1.19	1.15	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.07
MAXIMUM DAILY, 44.0 ON JUL 16
MINIMUM DAILY, 0.020B ON MAR 1
MAXIMUM INSTANTANEOUS,
44.1 AT 04:48 MST ON JUL 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 45 35 N
LONG 112 38 50 W
DRAINAGE AREA, 1 010 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	65 100
FEB	---	AUG	5 680
MAR	73.2	SEP	4 870
APR	7 210	OCT	3 730
MAY	10 400	NOV	---
JUN	31 200	DEC	---

TOTAL DISCHARGE, 139 000 dam³

MACKAY RIVER NEAR FORT MACKAY - STATION NO. 07DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8458	1.06 B	41.0E	49.4	82.0	39.6	18.1 A	13.8	9.108	---	1
2	---	---	0.8458	1.12 B	43.0E	62.4	81.9	36.2	19.6	13.4	9.208	---	2
3	---	---	0.8458	1.12 B	44.5E	74.1	80.8	31.4	18.5	12.8	9.308	---	3
4	---	---	0.8218	1.08 B	47.0E	75.9	80.2	28.8	18.7	12.3	9.408	---	4
5	---	---	0.8458	1.01 B	50.8A	72.8	81.6	28.3	18.7	12.0	---	---	5
6	---	---	0.8278	1.00 B	61.5	70.7	78.4	24.2	18.1	11.8	---	---	6
7	---	---	0.8398	1.05 B	63.9	73.5	134	22.2	17.1 A	11.5	---	---	7
8	---	---	0.8038	0.8885	64.4	74.2	153	20.8	14.8 E	10.8	---	---	8
9	---	---	0.8848	1.00 B	63.1	73.3	160	19.8	11.8 A	10.8	---	---	9
10	---	---	1.00 B	1.05 B	60.1	71.3	157	18.0A	10.8	10.8	---	---	10
11	---	---	1.01 B	1.02 B	58.2	75.2	147	17.8E	9.85	10.2	---	---	11
12	---	---	1.04 B	1.04 B	56.0	151	140	16.0E	8.75	9.94	---	---	12
13	---	---	1.06 B	1.10 B	54.1	196	138	15.0E	8.23	9.84	---	---	13
14	---	---	1.08 B	1.12 B	50.8	201	159	14.0E	7.88	9.72	---	---	14
15	---	---	1.06 B	0.8818	48.7	182	176	13.8E	9.38	9.86	---	---	15
16	---	---	1.04 B	7.40 B	48.0	180	178	13.2E	14.0	9.43	---	---	16
17	---	---	0.8738	24.8 B	44.1	142	177	12.7E	17.4	9.43	---	---	17
18	---	---	0.8328	40.0 B	42.4	130	169	12.5E	17.2	9.20	---	---	18
19	---	---	0.8318	52.0 B	41.2	118	155	12.7E	16.6	9.04	---	---	19
20	---	---	0.8808	68.0 B	38.6	104	143	13.0E	15.6	8.83	---	---	20
21	---	---	0.8888	70.0 B	37.5	94.4	128	14.0E	14.8	8.82	---	---	21
22	---	---	0.8888	68.0 B	36.4	86.8	118	15.0E	14.6	8.808	---	---	22
23	---	---	1.06 B	62.0 B	33.6	77.8	104	14.6E	14.3	8.708	---	---	23
24	---	---	1.11 B	58.0 B	32.0	70.3	94.8	14.0E	14.6	8.608	---	---	24
25	---	---	1.13 B	50.0 B	30.8	63.8	86.2	13.6E	14.3	8.408	---	---	25
26	---	---	1.16 B	47.0 B	28.9	57.4	78.8	13.0E	13.6	8.308	---	---	26
27	---	---	1.15 B	44.0 B	27.3	53.9	70.6	12.3E	13.8	8.108	---	---	27
28	---	---	1.14 B	42.0 E	27.8	48.8	63.2	11.8E	13.8	8.208	---	---	28
29	---	---	1.13 B	41.0 E	28.7	48.8	56.8	11.3E	14.6	8.408	---	---	29
30	---		1.08 B	40.0 E	28.1	51.4	50.8	11.0E	14.3	8.708	---	---	30
31	---		1.06 B		33.7		46.8	13.0E		9.008		---	31
TOTAL	---	---	31.284	723.828	1 388.7	2 808.9	3 486.3	550.4	432.88	308.31	---	---	TOTAL
MEAN	---	---	1.01	24.1	44.8	93.7	112	17.8	14.4	9.94	---	---	MEAN
MAX	---	---	1.16	70.0	64.4	201	178	38.8	19.6	13.8	---	---	MAX
MIN	---	---	0.848	0.881	28.1	48.8	46.8	11.0	7.88	8.10	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.6
MAXIMUM DAILY, 201 ON JUN 14
MINIMUM DAILY, 0.8458 ON MAR 1
MAXIMUM INSTANTANEOUS,
207 AT 05:00 MST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 12 38 N
LONG 111 41 38 W
DRAINAGE AREA, 6 570 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	288 000
FEB	---	AUG	47 800
MAR	3 700	SEP	37 400
APR	62 500	OCT	26 700
MAY	116 000	NOV	---
JUN	243 000	DEC	---

TOTAL DISCHARGE, 837 000 dam³

MAGRATH IRRIGATION DISTRICT CANAL NEAR SPRING COULEE - STATION NO. 05AE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0.887	1.88	2.38	1.87	0.818	0.231	0A	---	1
2	---	---	---	0	0.848	1.87	2.08	1.88	0.888	0	---	---	2
3	---	---	---	0	0.828	1.80	2.07	1.28	0.810	0	---	---	3
4	---	---	---	0	0.833	1.84	2.13	1.13	0.840	0	---	---	4
5	---	---	---	0	0.884	1.87	2.02	1.18	0.744	0	---	---	5
6	---	---	---	0	0.880	1.88	1.88	1.18	0.836	0	---	---	6
7	---	---	---	0	1.03	1.88	1.82	1.12	0.890	0	---	---	7
8	---	---	---	0	1.03	1.70	1.87	1.07	0.871	0	---	---	8
9	---	---	---	0	1.03	1.88	1.87	1.02	1.00	0	---	---	9
10	---	---	---	0	1.23	1.88	1.87	0.988	0.894	0	---	---	10
11	---	---	---	0	1.80	1.88	2.33	0.885	0.832	0	---	---	11
12	---	---	---	0	1.41	1.72	2.42	0.738	0.878	0	---	---	12
13	---	---	---	0	1.27	1.87	2.28	0.711	0.834	0	---	---	13
14	---	---	---	0	1.20	2.00	2.21	0.708	0.884	0	---	---	14
15	---	---	---	0	1.13	1.87	2.14	0.858	0.824	0	---	---	15
16	---	---	---	0.042	1.08	1.70	2.14	0.838	1.08	0	---	---	16
17	---	---	---	0.188	1.18	1.81	2.21	0.888	1.03	0	---	---	17
18	---	---	---	0.178	1.08	1.81	2.22	0.485	1.01	0	---	---	18
19	---	---	---	0.200	1.13	1.87	2.11	0.478	1.02	0	---	---	19
20	---	---	---	0.213	1.20	2.12	1.81	0.478	1.02	0	---	---	20
21	---	---	---	0.228	1.35	2.17	1.72	0.472	1.00	0	---	---	21
22	---	---	---	0.264	1.38	2.28	1.68	0.470	0.888	0	---	---	22
23	---	---	---	0.258	1.48	2.80	1.60	0.488	1.07	0	---	---	23
24	---	---	---	0.284	1.61	2.48	1.51	0.484	0.885	0	---	---	24
25	---	---	---	0.388	1.80	2.81	1.58	0.457	0.883	0	---	---	25
26	---	---	---	0.380	2.08	2.70	1.54	0.532	0.804	0	---	---	26
27	---	---	---	0.427	1.80	2.71	1.48	0.588	0.888	0	---	---	27
28	---	---	---	0.538	1.71	2.70	1.41	0.581	0.841	0	---	---	28
29	---	---	0A	0.844	1.88	2.82	1.53	0.588	0.828	0	---	---	29
30	---		0	0.838	1.85	2.58	1.58	0.804	0.703	0	---	---	30
31	---		0		1.88		1.88	0.838		0		---	31
TOTAL	---	---	---	5.008	40.718	61.72	59.42	24.288	28.804	0.231	---	---	TOTAL
MEAN	---	---	---	0.167	1.31	2.08	1.82	0.783	0.883	0.007	---	---	MEAN
MAX	---	---	---	0.838	2.08	2.71	2.42	1.87	1.07	0.231	---	---	MAX
MIN	---	---	---	0	0.838	1.88	1.41	0.457	0.888	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 2.71 ON JUN 27
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 55 N
LONG 113 03 15 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 130
FEB	---	AUG	2 100
MAR	---	SEP	2 290
APR	433	OCT	20.0
MAY	3 520	NOV	---
JUN	5 330	DEC	---

TOTAL DISCHARGE, 18 800 dam³

MALIGNE RIVER NEAR JASPER - STATION NO. 07AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.60	1.78	2.38	2.20	5.00E	22.4	34.6	22.6	24.1	12.5	7.13	4.63	1
2	2.58	1.80	2.36	2.20	5.60E	22.1	33.8	23.2	23.6	12.7	7.67	4.61	2
3	2.57	1.88	2.33	2.26	5.68A	21.7	32.4	23.1	22.8	12.8	7.73	4.44	3
4	2.56	1.81	2.32	2.26	5.67	21.8	32.8	23.8	22.1	12.8	7.57	4.48	4
5	2.55	1.85	2.30	2.27	5.52	21.5	32.4	23.4	21.5	12.5	7.27	4.41	5
6	2.52	1.86	2.28	2.28	5.50	23.3	32.3	27.7	21.2	12.4	7.37	4.25	6
7	2.49	2.06	2.23	2.21	5.57	27.7	32.0	31.2	21.8	12.2	7.23	3.85	7
8	2.46	2.18	2.23	2.23	5.73	34.3	31.1	32.8	21.5	12.0	6.95	3.77	8
9	2.43	2.18	2.23	2.22	6.52	36.5	30.3	33.2	21.5	11.7	6.50	4.09	9
10	2.42	2.19	2.20	2.30	11.1	37.7	29.6	33.8	21.3	11.8	6.26	4.22	10
11	2.38	2.21	2.11	2.42	15.3	38.4	29.1	33.7	20.8	11.4	6.71	4.06	11
12	2.36	2.23	2.18	2.43	16.7	38.4	29.3	33.6	19.9	11.1	6.48	3.92	12
13	2.38	2.26	2.18	2.61	16.6	38.1	28.1	33.0	18.9	10.8	6.37	3.87	13
14	2.39	2.26	2.21	2.64	16.9	38.1	26.7	32.2	18.0	10.8	6.18	3.87	14
15	2.39	2.28	2.21	3.86	16.8 A	38.0	26.6	31.4	17.1	11.0	4.88	3.74	15
16	2.38	2.31	2.18	4.37	16.1 E	38.3	26.0	31.8	16.9	10.8	5.84	3.87	16
17	2.35	2.34	2.21	4.78	17.9 E	38.3	27.1	32.9	16.8	10.3	5.88	3.86	17
18	2.32	2.36	2.21	5.84	17.7 E	38.1	26.2	32.9	16.6	10.0	5.84	3.88	18
19	2.30	2.37	2.18	6.01	18.1 E	37.6	25.3	32.8	16.2	9.75	5.62	3.83	19
20	2.28	2.37	2.18	5.78	18.0 E	37.3	24.4	32.5	15.8	9.58	5.84	3.83	20
21	2.24	2.41	2.14	6.13	18.5 E	36.8	23.8	32.2	15.3	9.20	5.38	3.81	21
22	2.22	2.41	2.09	6.86	19.5 E	36.8	23.0	31.2	14.8	9.47	5.31	3.86	22
23	2.18	2.33	2.18	8.38	20.2 E	36.8	22.3	30.4	14.4	9.17	5.01	3.33	23
24	2.18	2.31	2.14	8.18A	20.6 E	36.2	22.2	28.6	14.0	8.73	4.92	3.13A	24
25	2.18	2.38	2.18	8.80E	21.0 E	35.8	22.1	28.8	13.8	8.37	4.81	3.11E	25
26	2.08	2.38	2.18	8.80E	21.2 E	35.5	21.9	27.0	13.4	8.31	4.85	3.08E	26
27	2.08	2.40	2.13	8.40E	21.4 E	35.4	22.0	27.3	13.0	7.85	4.57	3.08E	27
28	2.04	2.42	2.18	8.80E	21.6 E	35.1	22.2	26.6	12.7	8.68	4.85	3.06E	28
29	2.02	2.40	2.18	8.10E	21.8 E	35.1	22.4	25.9	12.3	8.76	4.70	3.02E	29
30	1.83		2.18	8.20E	22.5 E	35.3	22.3	25.3	12.6	7.22	4.87	3.00E	30
31	1.84		2.18		22.8 A		22.1	24.8		7.02		2.97E	31
TOTAL	71.85	64.30	68.37	122.44	477.59	1 007.5	844.3	910.0	534.6	317.31	177.28	115.98	TOTAL
MEAN	2.31	2.22	2.21	4.08	15.4	33.6	27.2	29.4	17.8	10.2	5.91	3.74	MEAN
MAX	2.60	2.42	2.36	8.80	22.8	38.4	34.6	33.8	24.1	12.7	7.67	4.63	MAX
MIN	1.84	1.78	2.08	2.20	5.50	21.5	21.9	22.6	12.3	8.76	4.02	2.97	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.9
MAXIMUM DAILY, 38.4 ON JUN 11
MINIMUM DAILY, 1.78 ON FEB 1
MAXIMUM INSTANTANEOUS,
38.8 AT 22:11 MST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 51 N
LONG 118 01 34 W
DRAINAGE AREA, 908 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 180	JUL	72 800
FEB	5 580	AUG	78 600
MAR	5 910	SEP	46 200
APR	10 600	OCT	27 400
MAY	41 300	NOV	15 300
JUN	87 000	DEC	10 000

TOTAL DISCHARGE, 407 000 dam³

MAMAWI LAKE CHANNEL AT OLD DOG CAMP - STATION NO. 07KF003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.423	---	208.310	208.248	---	---	---	208.430	208.223	208.076	208.041	208.718	1
2	208.430	---	208.308	208.265	---	208.880	---	208.394	208.200	208.084	208.714	208.735	2
3	208.434	---	208.295	208.270	---	---	---	208.420	208.218	208.905	208.681	208.685	3
4	208.467	---	208.258	208.274	---	---	---	208.330	208.207	208.694	208.644	208.648	4
5	208.468	---	208.254	208.280	---	---	208.103	208.382	208.182	208.038	208.627	208.609	5
6	208.435	---	208.267	208.238	---	---	208.337	208.384	208.178	208.881	208.720	208.584	6
7	---	---	208.261	208.262	---	---	208.224	208.367	208.162	208.843	208.687	208.580	7
8	---	---	208.263	208.278	---	---	208.238	208.363	208.081	208.897	208.680	208.648	8
9	---	---	208.272	208.280	---	---	208.220	208.380	208.120	208.883	208.642	208.584	9
10	---	---	208.271	208.253	208.874	---	208.187	208.381	208.162	208.842	208.638	208.603	10
11	---	---	208.281	208.277	---	---	208.187	208.386	208.141	208.838	208.677	208.580	11
12	---	---	208.280	208.264	---	---	208.258	208.353	208.105	208.823	208.685	208.587	12
13	---	---	208.273	208.274	---	---	208.305	208.330	208.117	208.813	208.682	208.606	13
14	---	---	208.271	208.270	---	---	208.338	208.358	208.140	208.878	208.644	208.588	14
15	---	---	208.267	208.222	---	---	208.318	208.374	208.178	208.847	208.655	208.587	15
16	---	---	208.280	208.218	---	---	208.348	208.353	208.144	208.888	208.644	208.551	16
17	---	---	208.280	208.218	---	---	208.347	208.334	208.108	208.818	208.648	208.544	17
18	---	---	208.285	208.222	---	---	208.392	208.325	208.112	208.858	208.651	208.518	18
19	---	---	208.295	208.235	---	---	208.437	208.314	208.127	208.818	208.680	208.500	19
20	---	---	208.278	208.220	---	---	208.501	208.307	208.087	208.822	208.684	208.500	20
21	208.334	---	208.288	---	---	---	208.518	208.321	208.038	208.898	208.685	208.508	21
22	---	---	208.270	---	---	---	208.480	208.303	208.052	208.848	208.683	208.498	22
23	---	---	208.283	---	---	---	208.488	208.233	208.031	208.832	208.688	208.495	23
24	---	208.288	208.288	---	---	---	208.430	208.223	208.085	208.836	208.885	208.486	24
25	---	208.281	208.285	---	---	---	208.490	208.248	208.022	208.820	208.684	208.482	25
26	208.379	208.286	208.270	---	---	---	208.408	208.248	208.048	208.820	208.857	208.480	26
27	---	208.288	208.275	---	---	---	208.505	208.248	208.018	208.874	208.888	208.483	27
28	---	208.282	208.238	---	---	---	208.450	208.232	208.014	208.808	208.882	208.478	28
29	---	208.320	208.221	---	---	---	208.448	208.238	208.035	208.801	208.702	208.488	29
30	---		208.222	---	---	---	208.383	208.207	208.061	208.858	208.766	208.481	30
31	---		208.258		---		208.445	208.241		208.827		208.444	31
MEAN	---	---	208.287	---	---	---	---	208.324	208.100	208.857	208.685	208.551	MEAN
MAX	---	---	208.310	---	---	---	---	208.420	208.223	208.884	208.766	208.735	MAX
MIN	---	---	208.221	---	---	---	---	208.207	208.035	208.801	208.627	208.444	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 208.518 ON JUL 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 00 N
LONG 111 20 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1987

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

WABATOKAN CREEK NEAR IRON RIVER - STATION NO. 05AC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0	0	0	0	0	0	0	---	1
2	---	---	0B	0B	0	0	0	0	0	0	0	---	2
3	---	---	0B	0B	0	0	0	0	0	0	0	---	3
4	---	---	0B	0B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---	---	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 55 N
LONG 110 52 13 W
DRAINAGE AREA, 449 km²

B - ICE CONDITIONS

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MARYBERRIES CREEK AT BRODIN'S FARM - STATION NO. 05AF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.424B	0.018	0	0	0	0	0	0	0	---	1
2	---	0 B	0.240B	0.376	0	0	0	0	0	0	0A	---	2
3	---	0 B	0.110B	0.631	0	0	0	0	0	0	---	---	3
4	---	0 B	0.048B	0.874	0	0	0	0	0	0	---	---	4
5	---	0 B	0.050B	0.802	0	0	0	0	0	0	---	---	5
6	---	0 B	0.080B	0.272	0	0	0	0	0	0	---	---	6
7	---	0 B	0.098B	0.183	0	0	0	0	0	0	---	---	7
8	---	0 B	0.097B	0.314	0	0	0	0	0	0	---	---	8
9	---	0 B	0.081B	0.185	0	0	0	0	0	0	---	---	9
10	---	0 B	0.048B	0.083	0	0	0	0	0	0	---	---	10
11	---	0 B	0.033B	0.018	0	0	0	0	0	0	---	---	11
12	---	0 B	0.025B	0.002	0	0	0	0	0	0	---	---	12
13	---	0 B	0.015B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.010B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0.008B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0.004B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0.003B	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0.002B	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0.015B	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0.042B	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.058B	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.030B	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.018	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0.007	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0.005	0	0	0	0	0	0	0	---	---	26
27	0B	0 B	0.011B	0	0	0	0	0	0	0	---	---	27
28	0B	0.140B	0.033B	0	0	0	0	0	0	0	---	---	28
29	0B	0.415B	0.042B	0	0	0	0	0	0	0	---	---	29
30	0B		0.030B	0	0	0	0	0	0	0	---	---	30
31	0B		0.018B		0		0	0		0		---	31
TOTAL	---	0.555	1.808	3.311	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.019	0.054	0.110	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.415	0.424	0.874	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0.002	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.874 ON APR 4
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
1.08 AT 21:30 MST ON APR 3

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 30 N
LONG 110 43 30 W
DRAINAGE AREA, 339 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	48.0	AUG	0
MAR	144	SEP	0
APR	288	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 476 dam³

MARIE LAKE NEAR COLD LAKE - STATION NO. 09AC005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	573.483E	573.490	573.528	573.576	573.667	---	573.704	573.606	573.530	---	1
2	---	---	573.484E	573.490	573.528	573.579	573.666	---	573.704	573.604	573.530	---	2
3	---	---	573.483E	573.488	573.530	573.566	573.670	---	573.701	573.596	573.520A	---	3
4	---	---	573.484E	573.487	573.528	573.569	573.666	---	573.700	573.594	---	---	4
5	---	---	573.485E	573.488	573.530	573.610	573.672	---	573.698	573.593	---	---	5
6	---	---	573.484E	573.502	573.530	573.610	573.672	---	573.693	573.590	---	---	6
7	---	---	573.484E	573.506	573.531	573.605	573.676	---	573.689	573.585	---	---	7
8	---	---	573.488E	573.506	573.531	573.600	573.671	---	573.678	573.585	---	---	8
9	---	---	573.485A	573.505	573.532	573.603	573.668	---	573.678	573.583	---	---	9
10	---	---	573.485	573.504	573.533	573.606	573.667	---	573.684	573.579	---	---	10
11	---	---	573.483	573.503	573.534	573.606	573.668	---	573.687	573.578	---	---	11
12	---	---	573.483	573.500	573.535	573.602	573.667	---	573.683	573.576	---	---	12
13	---	---	573.484	573.499	573.538	573.600	573.672	---	573.681	573.576	---	---	13
14	---	---	573.484	573.502	573.540	573.600	573.676	---	573.681	573.574	---	---	14
15	---	---	573.485	573.503	573.563	573.600	573.691	---	573.667	573.571	---	---	15
16	---	---	573.484	573.504	573.554	573.600	573.685	---	573.634	573.569	---	---	16
17	---	---	573.485	573.503	573.556	573.600	573.667	---	573.640	573.570	---	---	17
18	---	---	573.487	573.507	573.556	573.602	573.667	---	573.640	573.567	---	---	18
19	---	---	573.487	573.506	573.556	573.596	573.668	---	573.632	573.561	---	---	19
20	---	---	573.487	573.509	573.556	573.598	573.668	---	573.630	573.558	---	---	20
21	---	---	573.470	573.511	573.557	573.596	573.690	---	573.626	573.556	---	---	21
22	---	---	573.470	573.512	573.554	573.592	573.690	---	573.624	573.552	---	---	22
23	---	---	573.488	573.510	573.550	573.595	573.663	---	573.620	573.544	---	---	23
24	---	---	573.474	573.509	573.554	573.596	573.663	---	573.617	573.543	---	---	24
25	---	---	573.474	573.506	573.554	573.596	573.664	---	573.614	573.540	---	---	25
26	---	---	573.474	573.510	573.553	573.594	573.663	---	573.611	573.553	---	---	26
27	---	---	573.477	573.510	573.553	573.596	573.661	---	573.612	573.548	---	---	27
28	---	---	573.488	573.512	573.554	573.597	573.662A	---	573.617	573.537	---	---	28
29	---	---	573.488	573.512	573.556	573.646	---	---	573.612	573.536	---	---	29
30	---		573.487	573.523	573.563	573.694	---	---	573.606	573.536	---	---	30
31	---		573.489		573.576		---	573.702A		573.532		---	31
MEAN	---	---	573.488	573.506	573.548	573.601	---	---	573.652	573.567	---	---	MEAN
MAX	---	---	573.488	573.523	573.576	573.694	---	---	573.704	573.606	---	---	MAX
MIN	---	---	573.483	573.490	573.528	573.576	---	---	573.606	573.532	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 35 36 N
LONG 110 16 16 W

A - MANUAL GAUGE

E - ESTIMATED

DRAINAGE AREA,
478 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MARMOT CREEK MAIN STEM NEAR SEEBE - STATION NO. 05BF016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.130E	0.340	0.188	0.113	0.121	0.182	0.088	---	1
2	---	---	---	---	0.122E	0.331	0.188	0.154	0.114	0.186	0.085	---	2
3	---	---	---	---	0.118E	0.348	0.185	0.138	0.108	0.201	0.082A	---	3
4	---	---	---	---	0.118E	0.358	0.186	0.136	0.105	0.192	---	---	4
5	---	---	---	---	0.119E	0.378	0.184	0.131	0.101	0.182	---	---	5
6	---	---	---	---	0.123E	0.435	0.183	0.181	0.097	0.173	---	---	6
7	---	---	---	---	0.142E	0.515	0.178	0.189	0.100	0.164	---	---	7
8	---	---	---	---	0.176E	0.732	0.176	0.162	0.092	0.153	---	---	8
9	---	---	---	---	0.220E	0.723	0.174	0.137	0.089	0.143	---	---	9
10	---	---	---	---	0.260E	0.645	0.167	0.129	0.092	0.137	---	---	10
11	---	---	---	---	0.286E	0.580	0.160	0.125	0.094	0.131	---	---	11
12	---	---	---	---	0.343A	0.488	0.155	0.118	0.098	0.124	---	---	12
13	---	---	---	---	0.406	0.436	0.141	0.111	0.097	0.118	---	---	13
14	---	---	---	---	0.363	0.395	0.138	0.107	0.091	0.116	---	---	14
15	---	---	---	---	0.319	0.371	0.133	0.104	0.088	0.117	---	---	15
16	---	---	---	---	0.347	0.385	0.124	0.097	0.089	0.117	---	---	16
17	---	---	---	---	0.361	0.388	0.118	0.093	0.094	0.108	---	---	17
18	---	---	---	---	0.320	0.371	0.114	0.092	0.098	0.097	---	---	18
19	---	---	---	---	0.286	0.357	0.106	0.097	0.107	0.097	---	---	19
20	---	---	---	---	0.271	0.335	0.100	0.111	0.105	0.091	---	---	20
21	---	---	---	---	0.273	0.314	0.093	0.105	0.102	0.089	---	---	21
22	---	---	---	---	0.303	0.290	0.090	0.098	0.098	0.088	---	---	22
23	---	---	---	---	0.307	0.271	0.087	0.092	0.098	0.084	---	---	23
24	---	---	---	---	0.303	0.255	0.084	0.092	0.098	0.080	---	---	24
25	---	---	---	---	0.277	0.235	0.080	0.094	0.104	0.078	---	---	25
26	---	---	---	---	0.263	0.218	0.078	0.184	0.104	0.072	---	---	26
27	---	---	---	---	0.257	0.207	0.074	0.138	0.105	0.068	---	---	27
28	---	---	---	---	0.248	0.201	0.074	0.136	0.102	0.064	---	---	28
29	---	---	---	---	0.248	0.181	0.070	0.140	0.112	0.063	---	---	29
30	---		---	---	0.238	0.178	0.067	0.142	0.134	0.063	---	---	30
31	---		---		0.264		0.071	0.130		0.064		---	31
TOTAL	---	---	---	---	8.691	11.214	3.882	3.795	3.034	3.827	---	---	TOTAL
MEAN	---	---	---	---	0.280	0.374	0.125	0.122	0.101	0.117	---	---	MEAN
MAX	---	---	---	---	0.406	0.732	0.184	0.189	0.134	0.201	---	---	MAX
MIN	---	---	---	---	0.118	0.178	0.067	0.087	0.088	0.063	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.188
MAXIMUM DAILY, 0.732 ON JUN 8
MINIMUM DAILY, 0.063 ON OCT 29
MAXIMUM INSTANTANEOUS,
0.777 AT 00:24 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 01 N
LONG 115 08 05 W
DRAINAGE AREA, 9.40 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN ---	JUL 335
FEB ---	AUG 328
MAR ---	SEP 282
APR ---	OCT 313
MAY 751	NOV ---
JUN 988	DEC ---

TOTAL DISCHARGE, 2 980 dam³

MARTINEAU RIVER ABOVE COLD LAKE - STATION NO. 06AF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.985	1.305	1.945	2.605	7.85	9.51	8.71	23.4	63.8	20.5	18.4 B	9.260	1
2	2.705	1.275	1.885	2.745	8.18	9.50	8.82	22.1	60.5	20.3	18.1 B	8.835	2
3	2.405	1.265	1.925	3.335	8.20	9.86	10.5	21.2	47.7	20.4	15.1 B	8.335	3
4	2.305	1.235	2.085	2.485	8.03	10.1	10.9	20.2	44.9	19.8	15.0 B	8.405	4
5	2.285	1.285	2.285	2.485	8.07	10.3	10.9	19.4	42.7	19.8	15.0 B	8.845	5
6	1.825	1.355	2.555	2.445	7.86	11.3	13.X	19.2	40.5	19.8	14.9 B	8.485	6
7	1.595	1.405	2.235	2.755	8.13	12.4	17.X	19.0	39.1	19.5	14.7 B	8.845	7
8	1.385	1.395	2.255	2.905	8.01	12.8	20.X	18.8	36.8	19.2	11.9 B	8.995	8
9	1.805	1.375	2.225	3.035	7.88	12.9	21.X	18.0	34.0	18.9	12.7 B	8.915	9
10	1.805	1.355	2.305	3.415	7.90	12.8	21.4	18.0	30.4	18.9	11.2 B	8.865	10
11	1.905	1.285	2.275	4.025	7.72	13.6	20.7	17.8	28.8	18.5	11.9 B	8.755	11
12	2.335	1.455	2.455	5.025	7.89	13.2	20.3	18.7	27.5	18.3	11.4 B	8.705	12
13	2.885	1.875	2.485	6.045	7.84	13.9	21.6	18.2	27.1	18.2	11.2 B	8.135	13
14	2.815	2.385	2.285	6.985	7.86	13.6	26.1	18.2	26.0	18.1	10.8 B	7.925	14
15	2.275	2.425	2.195	7.825	8.31	13.4	35.7	18.3	25.1	18.0	10.7 B	7.855	15
16	1.915	2.275	2.175	8.145	10.5	12.8	41.9	18.2	24.9	18.2	10.7 B	7.535	16
17	1.925	2.085	2.205	7.945	11.0	12.0	46.0	18.6	26.7	17.7	10.8 B	7.485	17
18	2.325	1.925	2.225	8.53A	11.1	11.8	51.4	18.0	24.3	17.7	11.0 B	7.815	18
19	2.885	1.785	2.185	10.1 A	10.3	11.3	51.3	18.8	23.5	17.4	10.5 B	7.705	19
20	2.835	1.885	2.215	10.1 A	9.85	10.7	48.5	20.0	23.2	17.1	12.3 B	7.815	20
21	2.945	1.735	2.435	10.9	9.80	9.95	45.4	24.1	21.8	17.4	12.1 B	7.575	21
22	3.125	1.885	2.735	10.1	9.46	9.63	42.8	35.4	21.8	16.8	11.3 B	7.715	22
23	3.415	2.005	2.765	9.10	9.05	8.95	40.3	43.2	21.8	19.1	11.4 B	7.605	23
24	3.335	2.005	2.955	8.84	8.35	8.89	38.0	48.1	21.7	18.0	11.1 B	7.885	24
25	3.375	1.835	2.835	7.92	8.06	8.80	34.9	58.2	21.4	15.9	11.2 B	7.795	25
26	3.385	1.885	2.735	7.55	8.25	8.41	32.4	60.0	21.0	15.6	9.875	7.305	26
27	3.145	2.025	2.435	7.41	8.11	7.72	28.5	61.3	21.0	14.88	8.605	7.585	27
28	2.735	2.125	2.555	7.13	7.79	7.48	27.1	61.2	20.8	14.08	8.715	7.645	28
29	2.325	2.035	2.415	7.25	7.75	7.67	25.4	61.7	20.7	13.68	8.525	8.185	29
30	2.135		2.285	7.45	7.50	8.13	24.2	60.0	20.6	14.28	8.415	8.845	30
31	1.795		2.425		8.12		23.9	57.0		15.38		9.085	31
TOTAL	76.91	49.75	72.75	186.38	256.85	343.90	877.43	934.3	888.2	549.3	358.51	254.05	TOTAL
MEAN	2.45	1.72	2.35	6.21	8.61	10.8	28.3	30.1	28.5	17.7	12.0	8.20	MEAN
MAX	3.41	2.42	2.85	10.9	11.1	13.8	51.4	61.7	63.8	20.5	18.4	9.26	MAX
MIN	1.38	1.23	1.89	2.44	7.80	7.48	8.71	18.0	20.6	13.8	8.80	7.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.2
MAXIMUM DAILY, 61.7 ON AUG 29
MINIMUM DAILY, 1.338 ON FEB 4
MAXIMUM INSTANTANEOUS,
62.5 AT 15:04 MST ON AUG 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 41 10 N
LONG 110 01 35 W
DRAINAGE AREA, 8 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 580	JUL	75 800
FEB	4 300	AUG	80 700
MAR	8 290	SEP	78 800
APR	16 100	OCT	47 500
MAY	23 100	NOV	31 000
JUN	27 900	DEC	21 900

TOTAL DISCHARGE, 418 000 dam³

MASKWA CREEK NO. 1 ABOVE BEARHILLS LAKE - STATION NO. 05FA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.0048	0.012	0.012	0.001	0.001	0.008	0.008	0.0048	---	1
2	---	---	0	0.0108	0.012	0.008	0.001	0.002	0.006	0.006	0.0048	---	2
3	---	---	0	0.0408	0.012	0.004	0.001	0.001	0.007	0.007	0.0058	---	3
4	---	---	0	0.0738	0.012	0.001	0.001	0.001	0.007	0.006	0.0058	---	4
5	---	---	0	0.0748	0.012	0.018	0.004	0.001	0.004	0.018	---	---	5
6	---	---	0	0.0708	0.012	0.008	0.218	0.004	0.007	0.024	---	---	6
7	---	---	0	0.0588	0.012	0.006	0.085	0.001	0.015	0.018	---	---	7
8	---	---	0	0.0448	0.013	0.058	0.013	0.001	0.009	0.017	---	---	8
9	---	---	0	0.0328	0.013	0.225	0.007	0.042	0.014	0.018	---	---	9
10	---	---	0	0.0228	0.027	0.021	0.003	0.001	0.015	0.014	---	---	10
11	---	---	0	0.0188	0.028	0.014	0.001	0.001	0.014	0.011	---	---	11
12	---	---	0	0.0188	0.021	0.006	0.003	0.001	0.012	0.006	---	---	12
13	---	---	0	0.0188	0.010	0.017	0.002	0.001	0.012	0.006	---	---	13
14	---	---	0	0.0168	0.008	0.008	0.002	0.001	0.011	0.005E	---	---	14
15	---	---	0	0.013	0.012	0.003	0.008	0.004	0.010	0.005E	---	---	15
16	---	---	0	0.011	0.014	0.001	0.008	0.044	0.008E	0.005E	---	---	16
17	---	---	0	0.011	0.013	0.001	0.008	0.028	0.008E	0.004E	---	---	17
18	---	---	0.0018	0.012	0.012	0.001	0.007	0.014	0.008	0.004	---	---	18
19	---	---	0.0038	0.013	0.011	0.001	0.001	0.013	0.008	0.004	---	---	19
20	---	---	0.0068	0.014	0.007	0.001	0.001	0.027E	0.018	0.005	---	---	20
21	---	---	0.0188	0.015	0.004	0.001	0.001	0.040	0.013	0.004	---	---	21
22	---	---	0.0188	0.016	0.005E	0.001	0.005E	0.028	0.008	0.004	---	---	22
23	---	---	0.0188	0.017	0.014	0.001	0.013	0.009	0.004	0.004	---	---	23
24	---	---	0.0188	0.018	0.018	0.001	0.010	0.001	0.010	0.005	---	---	24
25	---	---	0.0188	0.012	0.017	0.001	0.005E	0.001	0.015	0.004	---	---	25
26	---	---	0.0148	0.008	0.018	0.004	0.004	0.001	0.013	0.004	---	---	26
27	---	---	0.0048	0.008	0.015	0.008	0.002	0.001	0.010	0.0058	---	---	27
28	---	---	0.0028	0.008	0.015	0.006	0.004	0.014	0.008	0.0058	---	---	28
29	---	0	0.0028	0.008	0.016	0.002	0.503	0.001	0.010	0.0048	---	---	29
30	---		0.0028	0.012	0.013	0.004	0.001	0.012	0.010	0.0038	---	---	30
31	---		0.0038		0.015		0.001	0.011		0.0038		---	31
TOTAL	---	---	0.129	0.385	0.420	0.448	0.909	0.308	0.304	0.241	---	---	TOTAL
MEAN	---	---	0.004	0.023	0.014	0.015	0.018	0.010	0.010	0.008	---	---	MEAN
MAX	---	---	0.018	0.074	0.028	0.225	0.218	0.044	0.018	0.024	---	---	MAX
MIN	---	---	0	0.004	0.004	0.001	0.001	0.001	0.004	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.012
MAXIMUM DAILY, 0.225 ON JUN 9
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 47 05 N
LONG 113 37 48 W
DRAINAGE AREA, 78.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	44.0
FEB	---	AUG	26.4
MAR	11.1	SEP	26.3
APR	58.2	OCT	20.6
MAY	38.3	NOV	---
JUN	38.8	DEC	---

TOTAL DISCHARGE, 283 dam³

MASSY RESERVOIR NEAR ELKWATER - STATION NO. 11AB104

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	26.046	28.148	28.843	28.486	26.834	25.855	25.506	25.393	25.312A	---	1
2	---	---	26.186	28.283	28.840	28.446	26.962	25.848	25.503	25.381	---	---	2
3	---	---	26.233	28.535	28.835	28.377	27.022	25.845	25.498	25.383	---	---	3
4	---	---	26.271	28.684	28.828	28.310	27.056	25.842	25.493	25.377	---	---	4
5	---	---	26.306	28.725	28.825	28.276	27.040	25.836	25.489	25.376	---	---	5
6	---	---	26.373	28.783	28.830	28.336	26.836	25.626	25.482	25.373	---	---	6
7	---	---	26.441	28.887	28.828	28.347	26.585	25.615	25.471	25.372	---	---	7
8	---	---	26.503	28.899	28.826	28.337	26.422	25.610	25.469	25.370	---	---	8
9	---	---	26.622	28.896	28.828	28.335	26.378	25.607	25.463	25.367	---	---	9
10	---	---	26.792	28.895	28.824	28.330	26.368	25.594	25.453	25.364	---	---	10
11	---	---	26.819	28.904	28.820	28.268	26.358	25.588	25.449	25.363	---	---	11
12	---	---	26.851	28.904	28.815	28.196	26.355	25.580	25.449	25.362	---	---	12
13	---	---	26.878	28.901	28.807	28.128	26.344	25.576	25.449	25.358	---	---	13
14	---	---	26.900	28.898	28.789	28.069	26.341	25.589	25.446	25.368	---	---	14
15	---	---	26.914	28.895	28.783	28.053	26.338	25.582	25.443	25.346	---	---	15
16	---	---	26.928	28.898	28.766	28.045	26.330	25.577	25.438	25.348	---	---	16
17	---	---	26.935	28.887	28.743	27.984	26.324	25.581	25.432	25.345	---	---	17
18	---	---	26.946	28.887	28.695	27.882	26.318	25.578	25.428	25.341	---	---	18
19	---	---	27.033	28.884	28.632	27.762	26.310	25.571	25.423	25.340	---	---	19
20	---	---	27.346	28.878	28.581	27.645	26.306	25.565	25.422	25.337	---	---	20
21	---	---	27.704	28.871	28.548	27.528	26.289	25.565	25.420	25.334	---	---	21
22	---	---	27.842	28.870	28.513	27.485	26.281	25.566	25.417	25.329	---	---	22
23	---	---	27.894	28.869	28.480	27.473	26.277	25.564	25.413	25.325	---	---	23
24	---	25.407A	27.936	28.861	28.442	27.462	26.270	25.563	25.413	25.324	---	---	24
25	---	25.418	27.971	28.857	28.406	27.446	26.264	25.557	25.410	25.323	---	---	25
26	---	25.468	28.012	28.857	28.422	27.362	26.230	25.549	25.405	25.319	---	---	26
27	---	25.562	28.084	28.857	28.444	27.289	26.004	25.541	25.403	25.313	---	---	27
28	---	25.870	28.111	28.860	28.464	27.233	25.960	25.537	25.404	25.310	---	---	28
29	---	25.841	28.122	28.859	28.486	27.117	25.828	25.533	25.403	25.307	---	---	29
30	---		28.121	28.861	28.502	26.871	25.677	25.524	25.400	25.311	---	---	30
31	---		28.123		28.511		25.667	25.518		25.312		---	31
MEAN	---	---	27.136	28.808	28.677	27.800	26.376	25.582	25.443	25.347	---	---	MEAN
MAX	---	---	28.123	28.904	28.843	28.486	27.056	25.855	25.506	25.393	---	---	MAX
MIN	---	---	26.046	28.148	28.406	26.871	25.667	25.518	25.400	25.307	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.904 ON APR 11

MAXIMUM INSTANTANEOUS,
28.911 AT 17:52 CST ON APR 12

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 04 N
LONG 110 22 12 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
22.5 km^2

MATZHIWIN CREEK ABOVE WARE COULEE - STATION NO. 05CJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.020B	0.338	0.525	6.06	5.26	6.06	2.48	1.78	0.326B	---	1
2	---	---	0.060B	0.364	0.605	5.56	5.80	6.51	2.67	1.71	0.326B	---	2
3	---	---	0.070B	0.608	0.726	4.74	5.68	6.71	2.66	1.56	---	---	3
4	---	---	0.080B	0.737	0.921	4.52	5.65	6.36	2.23	1.50	---	---	4
5	---	---	0.070B	0.631	1.14	4.93	5.66	6.45	2.48	1.54	---	---	5
6	---	---	0.100B	0.488	1.27	5.68	5.62	6.41	2.60	1.68	---	---	6
7	---	---	0.140B	0.405	1.60	6.32	5.60	6.25	2.49	2.03	---	---	7
8	---	---	0.200B	0.424	1.80	7.16	5.17	6.33	3.04	2.18	---	---	8
9	---	---	0.230B	0.466	1.85	14.9	5.38	5.44	3.17	1.89	---	---	9
10	---	---	0.270B	0.337	1.82	13.9	5.65	5.29	3.60	2.24	---	---	10
11	---	---	0.290B	0.302	1.87	6.18	5.96	5.21	3.62	2.37	---	---	11
12	---	---	0.320B	0.280	1.96	3.89	5.81	5.36	4.09	2.32	---	---	12
13	---	---	0.350B	0.265	2.29	3.47	5.60	5.12	4.20	2.70	---	---	13
14	---	---	0.343B	0.282	2.60	2.18	5.05	5.00	3.64	3.17	---	---	14
15	---	---	0.330B	0.453	2.78	1.87	5.29	5.17	3.38	4.05	---	---	15
16	---	---	0.310B	0.438	2.98	1.48	5.95	4.49	2.81	4.28	---	---	16
17	---	---	0.288B	0.343	3.46	1.26	6.17	4.22	2.70	4.56	---	---	17
18	---	0B	0.290B	0.238	3.66	1.09	6.75	3.86	2.72	4.32	---	---	18
19	---	0B	0.300B	0.193	3.78	1.06	6.10	3.38	2.87	2.75	---	---	19
20	---	0B	0.310B	0.174	3.73	1.04	5.89	3.09	3.54	2.09	---	---	20
21	---	0B	0.320B	0.166	4.50	1.11	6.44	3.48	3.29	1.88	---	---	21
22	---	0B	0.340B	0.165	4.65	1.80	6.76	3.71	2.82	1.02	---	---	22
23	---	0B	0.360B	0.152	5.17	2.78	6.44	3.27	2.49	0.838	---	---	23
24	---	0B	0.360B	0.112	4.56	2.84	6.65	2.89	2.25	0.683	---	---	24
25	---	0B	0.400B	0.083	4.19	3.03	7.19	2.82	2.06	0.523	---	---	25
26	---	0B	0.360B	0.086	4.47	3.55	7.02	2.31	2.18	0.478	---	---	26
27	---	0B	0.330B	0.081	4.35	4.33	6.52	2.00	2.17	0.372B	---	---	27
28	---	0B	0.290B	0.086	4.42	4.59	6.75	1.89	2.02	0.360B	---	---	28
29	---	0B	0.430B	0.070	5.07	6.46	5.56	2.11	1.85	0.350B	---	---	29
30	---		0.543B	0.206	5.79	7.33	5.73	2.38	1.72	0.340B	---	---	30
31	---		0.400B		6.27		5.71	2.46		0.330B		---	31
TOTAL	---	---	8.544	9.202	95.089	134.24	183.45	135.94	84.04	57.372	---	---	TOTAL
MEAN	---	---	0.276	0.307	3.07	4.47	5.92	4.39	2.80	1.85	---	---	MEAN
MAX	---	---	0.543	0.608	6.27	14.9	7.19	6.71	4.20	4.56	---	---	MAX
MIN	---	---	0.020	0.070	0.525	1.04	5.05	1.89	1.72	0.330	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.89
MAXIMUM DAILY, 14.9 ON JUN 9
MINIMUM DAILY, 0.020B ON MAR 1
MAXIMUM INSTANTANEOUS,
21.2 AT 21:33 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 30 N
LONG 111 55 46 W
DRAINAGE AREA, 2 450 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	15 900
FEB	---	AUG	11 700
MAR	738	SEP	7 260
APR	795	OCT	4 960
MAY	8 220	NOV	---
JUN	11 600	DEC	---

TOTAL DISCHARGE, 61 200 dam^3

MCALPINE CREEK (EAST FORK) NEAR ELKWATER LAKE - STATION NO. 05AH043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0.0028	0.018	B	0	0	0	0	0	0	---	1
2	---	0	0.0018	0.021	B	0	0	0	0	0	0A	---	2
3	---	0	0.0038	0.018	0	0	0	0	0	0	---	---	3
4	---	0	0.0068	0.010	0	0	0	0	0	0	---	---	4
5	---	0	0.0028	0.007	0	0	0	0	0	0	---	---	5
6	---	0	0 B	0.005	0	0	0	0	0	0	---	---	6
7	---	0	0 B	0.004	0	0	0	0	0	0	---	---	7
8	---	0	0 B	0.003	0	0	0	0	0	0	---	---	8
9	---	0	0	0.002	0	0	0	0	0	0	---	---	9
10	---	0	0	0.002	0	0	0	0	0	0	---	---	10
11	---	0	0	0.001	0	0	0	0	0	0	---	---	11
12	---	0	0	0.001	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0.0018	0	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0	0	0	0	0	0	0	0	---	---	18
19	---	0.0018	0	0	0	0	0	0	0	0	---	---	19
20	---	0.0138	0.004	0	0	0	0	0	0	0	---	---	20
21	---	0.0108	0.035	0	0	0	0	0	0	0	---	---	21
22	---	0.0078	0.015	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.008	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.006	0	0	0	0	0	0	0	---	---	24
25	---	0.0048	0.0048	0	0	0	0	0	0	0	---	---	25
26	---	0.0088	0.0048	0	0	0	0	B	0	0	---	---	26
27	0A	0.0068	0.0028	0	0	0	0	0	0	0	---	---	27
28	0	0 0038	0 B	0	0	0	0	B	0	0	---	---	28
29	0	0.0048	0 B	0	0	0	0	B	0	0	---	---	29
30	0		0.0038	0	0	0	0	B	0	0	---	---	30
31	0		0.0108		0		0	0		0		---	31
TOTAL	---	0.080	0.198	0.091	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.002	0.003	0.003	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.013	0.035	0.021	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.035 ON MAR 21
MINIMUM DAILY, 0 ON FEB 1
MAXIMUM INSTANTANEOUS,
0.055 AT 08:50 MST ON MAR 21

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 110 11 03 W
DRAINAGE AREA, 20.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	5.16	AUG	0
MAR	8.16	SEP	0
APR	7.66	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 22.2 dam³

MCGREGOR LAKE INFLOW NEAR MILO - STATION NO. 05AC024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	26.4	33.7	34.6	26.6	33.6	26.6	0	0	1
2	---	---	---	0	24.4	33.7	32.7	16.9	33.6	28.6	0	0	2
3	---	---	---	0	26.6	33.3	33.4	16.7	33.4	30.0	0	0	3
4	---	---	---	0	20.7	33.7	33.2	26.0	33.6	30.1	0	0	4
5	---	---	---	0	16.6	34.6	33.6	30.9	33.3	28.6	0	0	5
6	---	---	---	0	14.7	34.7	34.2	26.1	33.6	31.1	0	0	6
7	---	---	---	0	16.6	34.3	34.2	26.3	26.6	31.6	0	0	7
8	---	---	---	0	16.6	31.6	34.1	31.6	24.2	32.4	0	0	8
9	---	---	---	0	16.4	33.6	34.3	32.6	26.7	26.6	0	0	9
10	---	---	---	0.669	16.4	33.7	34.1	31.2	31.6	31.6	0	0	10
11	---	---	---	5.20	17.9	34.6	33.3	31.2	31.6	33.7	0	0	11
12	---	---	---	11.6	20.6	34.6	33.3	26.1	32.3	34.3	0	0	12
13	---	---	---	21.6	21.6	33.6	33.9	30.0	32.6	34.6	0	0	13
14	---	---	---	26.2	26.4	34.6	33.9	32.1	34.2	34.0	0	---	14
15	---	---	---	32.2	26.7	34.6	33.1	33.1	34.4	34.2	0	---	15
16	---	---	---	32.6	26.3	34.2	33.6	32.6	34.1	34.0	0	---	16
17	---	---	---	32.6	26.6	34.4	33.6	32.6	33.1	32.6	0	---	17
18	---	---	---	33.0	32.4	34.4	33.0	31.6	33.1	33.7	0	---	18
19	---	---	---	33.0	33.6	34.6	33.0	31.6	33.6	33.3	0	---	19
20	---	---	---	33.3	33.2	33.6	33.2	32.6	33.6	32.1	0	---	20
21	---	---	---	33.3	33.6	33.6	33.2	26.1	34.1	26.6	0	---	21
22	---	---	---	33.4	33.4	34.6	33.1	26.4	34.1	31.0	0	---	22
23	---	---	---	33.2	26.6	34.6	30.6	33.1	34.4	17.7	0	---	23
24	---	---	---	33.1	26.6	34.1	27.3	33.2	34.3	13.3	0	---	24
25	---	---	---	32.6	26.0	34.6	26.6	33.6	33.6	7.44	0	---	25
26	---	---	---	32.6	31.2	34.7	22.0	33.7	33.6	2.93	0	---	26
27	---	---	---	33.0	32.6	34.2	20.6	33.6	30.6	0.650A	0	---	27
28	---	---	---	32.7	32.7	33.7	21.2	33.6	26.1	0.100E	0	---	28
29	---	---	---	32.J	33.1	34.6	21.6	34.2	26.0	0	0	---	29
30	---		0	32.3	33.7	35.1	24.0	33.7	26.7	0	0	---	30
31	---		0		34.1		24.6	33.7		0		---	31
TOTAL	---	---	---	583.669	811.0	1 025.0	955.5	930.2	866.7	730.430	0	---	TOTAL
MEAN	---	---	---	18.8	26.2	34.2	30.8	30.3	32.2	23.6	0	---	MEAN
MAX	---	---	---	33.4	34.1	35.1	34.6	34.2	34.4	34.6	0	---	MAX
MIN	---	---	---	0	14.7	31.6	20.6	16.7	34.2	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.7
MAXIMUM DAILY, 35.1 ON JUN 30
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 20 N
LONG 112 55 25 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1970

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	63 600
FEB	---	AUG	61 100
MAR	---	SEP	83 600
APR	51 300	OCT	63 100
MAY	70 100	NOV	0
JUN	88 600	DEC	---

TOTAL DISCHARGE, 530 000 dam³

MCGREGOR TRAVERS CANAL NEAR CHAMPION - STATION NO. 05AC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	37.5	51.4	41.9	39.7	17.3	10.8	0	---	1
2	---	---	---	0	37.8	51.1	41.9	39.5	17.9	12.4	0	---	2
3	---	---	---	0	37.8	50.9	42.0	37.0	18.7	15.2	0	---	3
4	---	---	---	0	40.3	50.1	42.0	35.7	18.7	15.5	---	---	4
5	---	---	---	0	41.3	49.3	41.9	34.4	18.8	16.6	---	---	5
6	---	---	---	0	38.1	46.8	40.8	33.9	18.7	12.0	---	---	6
7	---	---	---	0	37.3	40.3	40.0	33.8	18.8	8.01	---	---	7
8	---	---	---	0	37.3	31.3	40.0	33.7	15.7	0.746	---	---	8
9	---	---	---	0	38.5	8.93	39.9	31.0	14.1	0.286	---	---	9
10	---	---	---	0	42.5	9.13	39.9	29.8	11.8	0.203	---	---	10
11	---	---	---	0	43.1	5.56	41.1	28.2	10.3	0.133	---	---	11
12	---	---	---	2.85	43.0	5.55	41.8	26.9	10.6	0.076	---	---	12
13	---	---	---	14.2	45.8	5.56	41.8	25.0	8.02	0.020	---	---	13
14	---	---	---	26.2	47.6	5.54	41.7	25.1	8.34	0	---	---	14
15	---	---	---	36.1	48.2	5.47	41.7	23.4	8.34	0	---	---	15
16	---	---	---	44.6	50.6	5.43	41.7	22.8	8.41	0	---	---	16
17	---	---	---	44.4	51.2	5.38	41.7	22.8	8.43	0	---	---	17
18	---	---	---	44.2	51.1	5.39	41.7	22.7	8.42	0	---	---	18
19	---	---	---	42.7	51.0	14.6 A	41.6	22.8	8.46	0	---	---	19
20	---	---	---	42.8	51.0	23.0 A	41.4	22.8	8.46	0	---	---	20
21	---	---	---	43.3	50.8	32.2 A	41.4	22.8	8.49	0	---	---	21
22	---	---	---	43.3	50.7	36.4 A	41.3	22.9	8.52	0	---	---	22
23	---	---	---	43.3	51.6	41.0 A	41.2	23.0	8.54	0	---	---	23
24	---	---	---	43.2	52.1	43.7 A	41.0	22.1	8.54	0	---	---	24
25	---	---	---	43.2	52.1	43.6	40.9	20.0	8.56	0	---	---	25
26	---	---	---	43.1	52.0	45.2	40.7	18.3	8.53	0	---	---	26
27	---	---	---	41.1	51.7	45.0	40.8	18.4	8.52	0	---	---	27
28	---	---	---	37.6	51.7	46.7	40.4	18.5	8.51	0	---	---	28
29	---	---	---	37.4	51.8	43.8	40.1	18.8	8.51	0	---	---	29
30	---		0	37.2	52.1	41.8	39.8	18.7	8.48	0	---	---	30
31	---		0		51.8		39.8	18.7		0		---	31
TOTAL	---	---	---	714.88	1 443.0	878.25	1 273.2	811.8	309.45	93.184	---	---	TOTAL
MEAN	---	---	---	23.8	46.6	29.3	41.1	26.2	10.3	3.01	---	---	MEAN
MAX	---	---	---	44.6	52.1	51.4	42.0	39.7	18.8	15.5	---	---	MAX
MIN	---	---	---	0	37.3	5.39	39.8	18.2	8.34	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.6
MAXIMUM DAILY, 52.1 ON MAY 24
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 15 N
LONG 112 48 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	110 000
FEB	---	AUG	70 100
MAR	---	SEP	25 700
APR	81 700	OCT	8 080
MAY	125 000	NOV	---
JUN	75 800	DEC	---

TOTAL DISCHARGE, 477 000 dam³

MCLEOD RIVER ABOVE EMBARRAS RIVER - STATION NO. 07AF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.208	1.668	3.828	4.858	14.5	10.1	20.1	4.82	8.41	16.4	7.198	3.208	1
2	2.288	1.688	3.428	4.688	13.8	9.88	17.0	4.56	7.95	15.9	6.248	3.068	2
3	2.228	1.698	3.098	5.188	11.7	9.30	15.2	6.02	7.80	14.6	5.618	2.888	3
4	2.208	1.728	2.868	4.628	10.8	8.78	15.4	8.78	7.21	13.7	5.448	2.858	4
5	2.208	1.748	3.068	4.858	10.6	8.88	18.4	9.07	6.88	13.0	5.428	2.868	5
6	1.858	1.708	2.868	4.878	10.2	10.3	17.8	10.1	6.71	12.1	5.308	3.008	6
7	1.788	1.608	2.918	4.448	10.4	15.2	21.3	28.3	6.66	11.7	5.058	2.908	7
8	1.828	1.608	2.858	4.038	10.6	44.0	21.3	33.1	6.81	11.1	4.808	2.788	8
9	1.818	1.658	2.848	3.848	12.0	76.0	17.8	25.6	6.82	10.7	4.708	2.708	9
10	1.808	1.758	2.758	3.718	13.9	68.8	18.4	20.6	6.78	10.4	4.708	2.888	10
11	1.808	1.808	2.898	3.658	16.2	60.7	16.4	17.7	7.88	10.2	4.888	2.808	11
12	1.848	2.008	2.848	4.208	16.4	74.4	15.3	16.0	8.08	9.76	4.458	2.608	12
13	1.868	2.108	3.488	4.898	21.7	80.8	16.8	14.8	7.84	9.57	4.358	2.708	13
14	1.888	2.158	3.788	5.648	23.3	80.2	14.8	12.9	7.98	9.21	4.258	2.708	14
15	1.858	2.288	3.728	6.048	22.4	42.8	13.1	12.0	7.88	9.03	4.208	2.708	15
16	1.808	2.488	2.838	14.1 B	18.2	36.1	11.3	13.0	8.37	8.83	4.108	2.888	16
17	1.478	2.638	2.818	22.8 B	17.2	34.1	10.3	16.0	11.2	8.62	4.008	2.888	17
18	1.478	2.788	3.158	26.0	16.8	30.2	9.60	23.8	13.4	8.21	3.908	2.808	18
19	1.808	2.948	3.288	26.8	16.8	27.3	8.92	24.8	12.0	7.72	3.858	2.808	19
20	1.488	3.188	3.748	26.1	14.0	25.1	8.40	21.7	11.8	7.83	3.788	2.808	20
21	1.528	3.218	4.118	26.4	12.9	23.6	7.60	19.5	11.8	7.66	3.708	2.678	21
22	1.518	3.338	4.238	24.3	12.2	21.8	8.87	18.8	11.3	7.78	3.858	2.808	22
23	1.518	3.418	4.408	24.1	12.0	19.8	5.97	16.9	10.9	7.88	3.828	2.808	23
24	1.538	3.708	4.608	23.4	12.3	18.8	5.72	15.1	10.8	7.70	3.808	2.678	24
25	1.538	4.058	4.888	18.8	12.8	17.1	5.40	13.8	10.8	7.38	3.858	2.528	25
26	1.548	3.858	4.608	16.0	11.8	15.7	5.04	12.8	10.8	7.17	3.408	2.308	26
27	1.578	4.238	4.858	14.8	11.2	15.1	4.78	11.7	10.8	8.008	3.358	2.258	27
28	1.528	4.188	4.788	14.4	10.9	15.0	4.78	10.9	10.9	8.188	3.388	2.228	28
29	1.508	4.018	4.808	15.0	10.8	17.4	5.05	10.3	12.2	8.208	3.458	2.158	29
30	1.508		4.808	14.8	10.8	19.8	5.05	9.47	13.8	8.208	3.808	2.168	30
31	1.578		4.858		10.4		4.83	8.75		7.128		2.168	31
TOTAL	52.82	76.18	110.14	383 88	428.7	906.72	381.77	471.27	279.73	288.88	131.26	81.88	TOTAL
MEAN	1.70	2.58	3.55	12.8	13.8	30.2	11.7	15.2	9.32	9.87	4.38	2.63	MEAN
MAX	2.28	4.33	4.85	26.8	23.3	80.7	21.3	33.1	13.4	16.4	7.18	3.30	MAX
MIN	1.48	1.60	2.48	3.65	10.2	8.78	4.83	4.82	8.88	8.19	3.35	2.15	MIN

SUMMARY FOR THE YEAR 1985

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.78
MAXIMUM DAILY, 80.7 ON JUN 11
MINIMUM DAILY, 1.488 ON JAN 30
MAXIMUM INSTANTANEOUS,
80.9 AT 23:15 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 12 N
LONG 118 37 45 W
DRAINAGE AREA, 2 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 880	JUL	21 300
FEB	6 490	AUG	40 700
MAR	9 820	SEP	24 200
APR	33 200	OCT	35 600
MAY	37 100	NOV	11 300
JUN	78 300	DEC	7 000

TOTAL DISCHARGE, 309 000 dam³

MCLEOD RIVER NEAR CADOMIN - STATION NO. 07AF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.420B	0.562B	2.56	3.96	4.05	3.26	2.66	4.64	1.96	---	1
2	---	---	0.418B	0.510B	2.34	3.76	3.70	4.06	2.54	4.30	1.02A	---	2
3	---	---	0.416B	0.540B	2.13	3.86	3.52	4.06	2.49	3.92	---	---	3
4	---	---	0.417B	0.576B	1.86	3.66	3.42	3.43	2.44	3.69	---	---	4
5	---	---	0.417B	0.710B	1.66	3.76	3.56	3.67	2.36	3.56	---	---	5
6	---	---	0.416B	0.760B	2.03	6.62	4.47	11.7	2.33	3.41	---	---	6
7	---	---	0.418B	0.800B	2.30	9.14	4.66	11.7	2.46	3.29	---	---	7
8	---	---	0.415B	0.865B	3.10	16.3	4.06	9.06	2.29	3.16	---	---	8
9	---	---	0.415B	0.930B	4.06	14.0	3.62	7.42	2.19	3.07	---	---	9
10	---	---	0.416B	1.00 B	5.80	12.3	3.41	6.24	2.47	3.00	---	---	10
11	---	---	0.417B	1.10 B	7.26	11.1	3.33	5.76	2.33	2.96	---	---	11
12	---	---	0.418B	1.22 B	8.89	10.0	3.36	5.13	2.47	2.91	---	---	12
13	---	---	0.418B	1.38 B	9.11	9.60	3.14	4.72	2.66	2.86	---	---	13
14	---	---	0.420B	1.56 B	9.04	9.11	2.96	4.60	2.63	2.87	---	---	14
15	---	---	0.421B	1.90 B	8.42	8.76	2.71	4.47	2.57	2.82	---	---	15
16	---	---	0.432B	2.40 B	8.63	8.63	2.59	5.33	3.32	2.82	---	---	16
17	---	---	0.436B	3.20 B	8.12	8.15	2.41	7.83	3.12	2.49	---	---	17
18	---	---	0.439B	6.00 B	8.10	7.62	2.32	8.63	2.92	2.33	---	---	18
19	---	---	0.433B	5.90 B	4.51	8.62	2.23	5.74	2.88	2.44	---	---	19
20	---	---	0.435B	5.06 B	4.31	8.20	2.05	5.41	2.92	2.32	---	---	20
21	---	---	0.437B	4.70 B	4.06	5.64	1.95	5.33	2.92	2.31	---	---	21
22	---	---	0.438B	3.98 B	4.61	5.53	1.86	4.88	2.92	2.36	---	---	22
23	---	---	0.441B	3.43 B	5.37	5.34	1.80	4.56	2.88	2.22	---	---	23
24	---	---	0.444B	3.88	4.88	5.03	1.78	4.26	2.85	2.20	---	---	24
25	---	---	0.480B	3.53	4.86	4.84	1.88	4.00	2.81	2.08B	---	---	25
26	---	---	0.470B	3.84	4.58	4.47	1.88	3.68	2.73	2.09B	---	---	26
27	---	---	0.488B	3.97	4.70	4.40	1.83	3.66	2.76	1.58B	---	---	27
28	---	---	0.500B	3.35	4.51	4.25	1.82	3.40	2.65	1.92B	---	---	28
29	---	---	0.520B	3.31	4.47	4.46	1.86	3.22	2.65	2.14B	---	---	29
30	---		0.540B	2.97	4.24	4.36	1.82	3.06	8.76	2.06	---	---	30
31	---		0.588B		4.16		1.47	2.88		1.92		---	31
TOTAL	---	---	13.706	89.272	143.67	213.37	84.26	163.31	84.36	85.77	---	---	TOTAL
MEAN	---	---	0.442	2.31	4.63	7.11	2.72	5.24	2.81	2.77	---	---	MEAN
MAX	---	---	0.58A	6.00	9.11	16.3	4.66	11.7	8.76	4.64	---	---	MAX
MIN	---	---	0.415	0.562	1.66	3.66	1.47	2.26	2.19	1.66	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.60
MAXIMUM DAILY, 16.3 ON JUN 8
MINIMUM DAILY, 0.415B ON MAR 5
MAXIMUM INSTANTANEOUS,
38.2 AT 04:01 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 44 N
LONG 117 11 50 W
DRAINAGE AREA, 331 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 380
FEB	---	AUG	14 000
MAR	1 180	SEP	7 280
APR	5 880	OCT	7 410
MAY	13 400	NOV	---
JUN	18 400	DEC	---

TOTAL DISCHARGE, 74 000 dam³

MCLEOD RIVER NEAR ROSEVEAR - STATION NO. 07AB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.80B	3.95B	5.58B	21.7B	28.8	16.8	64.3	11.8E	16.3	22.2	12.8 B	8.30B	1
2	5.70B	3.78B	6.67B	21.9B	26.9	16.6	52.9	11.7E	14.8	24.4	12.6 B	8.10B	2
3	5.63B	3.71B	6.75B	22.0B	24.8	16.3	42.7	11.5E	13.8	23.6	12.4 B	8.00B	3
4	5.55B	3.62B	7.33B	21.7B	22.8	15.7	37.8	12.0E	13.2	22.1	12.0 B	8.00B	4
5	5.46B	3.80B	7.71B	22.7B	21.8	16.0	36.5	17.0E	12.8	20.8	11.3 B	8.20B	5
6	5.37B	3.56B	7.61B	22.6B	21.1	16.8	37.4	16.0E	12.7	20.0	11.4 B	8.30B	6
7	5.26B	3.85B	7.56B	22.3B	20.2	19.1	41.4	24.0E	12.5	19.4	11.0 B	8.20B	7
8	5.33B	4.40B	7.26B	21.1B	20.1	30.7	52.3	31.0E	12.0	18.9	10.7 B	8.00B	8
9	5.24B	4.60B	8.06B	20.0B	20.3	104	48.8	40.0E	12.0	18.3	10.0 B	8.00B	9
10	5.27B	5.00B	8.67B	19.0B	21.2	164	40.8	37.0E	12.8	17.8	9.80B	8.80B	10
11	5.67B	5.10B	7.02B	22.0B	23.4	144	37.1	33.0E	13.0	17.2	9.20B	8.60B	11
12	6.02B	5.30B	7.05B	27.0B	24.0	170	37.0	28.5E	13.5	16.6	8.90B	8.45B	12
13	5.92B	5.40B	6.81B	26.3B	26.2	173	40.4	26.0E	14.4	16.5	8.80B	8.00B	13
14	5.80B	5.50B	6.96B	23.2B	28.4	133	38.2	22.0E	14.9	16.2	8.80B	8.20B	14
15	5.53B	5.72B	6.64B	23.7B	30.5	108	33.5	19.0E	14.8	15.8	8.00B	8.20B	15
16	5.36B	5.72B	7.20B	27.8	30.8	88.0	28.8	19.8A	15.1	15.6	7.80B	8.20B	16
17	5.26B	5.90B	7.90B	28.3	28.4	74.2	26.5	23.2	15.1	15.3	7.70B	8.20B	17
18	5.12B	5.72B	8.62B	31.4	25.4	63.3	23.3	21.6	15.8	15.2	7.30B	8.10B	18
19	4.80B	5.59B	9.47B	33.7	24.2	54.8	21.3	43.0	20.8	14.8	8.80B	8.05B	19
20	4.65B	5.56B	10.6 B	34.6	22.6	48.0	20.1	42.9	20.5	14.8	8.50B	8.00B	20
21	4.50B	5.52B	12.0 B	36.7	21.0	43.3	18.9	37.8	19.5	14.3	8.20B	8.03B	21
22	4.44B	5.40B	13.4 B	34.3	19.8	39.8	17.4	34.1	19.3	14.4	8.00B	8.00B	22
23	4.38B	5.24B	14.6 B	40.8	19.0	36.4	16.9	31.8	19.2	14.2	8.89B	8.00B	23
24	4.21B	5.50B	15.7 B	47.2	18.5	34.1	14.8	28.1	19.0	14.4	8.80B	8.80B	24
25	4.14B	5.44B	17.1 B	43.3	18.3	31.8	14.0	25.1	18.9	14.7	8.70B	8.60B	25
26	4.18B	5.46B	17.8 B	38.9	18.4	29.2	13.2	22.7	19.1	14.4	8.60B	8.20B	26
27	4.10B	5.61B	18.4 B	32.9	17.8	31.8	12.8	21.0	19.3	12.8B	8.90B	8.15B	27
28	4.13B	5.82B	19.1 B	30.8	17.3	37.2	12.0A	19.7	18.8	11.2B	8.05B	8.1??	28
29	3.93B	5.47B	19.7 B	30.2	16.9	46.0	11.3E	18.7	20.3	11.2B	8.30B	8.00J	29
30	3.84B		20.2 B	30.0	17.1	63.7	11.3E	17.5	21.7	11.2B	8.40B	8.05B	30
31	3.94B		20.7 B		16.7		11.7E	16.3		11.4B		8.15B	31
TOTAL	164.31	144.88	337.02	878.3	692.6	1 884.2	813.7	774.3	487.1	509.8	283.34	180.88	TOTAL
MEAN	4.98	5.00	10.9	32.5	23.3	62.1	29.5	25.0	16.2	16.4	8.44	8.62	MEAN
MAX	6.02	5.90	20.7	58.7	30.8	172	64.3	43.0	21.7	24.4	12.8	8.30	MAX
MIN	3.84	3.55	5.58	16.0	16.7	15.7	11.3	11.5	12.0	11.2	8.70	8.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.8
MAXIMUM DAILY, 172 ON JUN 13
MINIMUM DAILY, 3.55B ON FEB 8
MAXIMUM INSTANTANEOUS,
185 AT 21:28 MST ON JUN 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 48 N
LONG 118 08 42 W
DRAINAGE AREA, 7 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 300	JUL	78 800
FEB	12 800	AUG	88 800
MAR	28 100	SEP	42 100
APR	84 400	OCT	44 100
MAY	68 800	NOV	21 800
JUN	181 000	DEC	16 800

TOTAL DISCHARGE, 630 000 dam³

MCLEOD RIVER NEAR WHITECOURT - STATION NO. 07AB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	5.028	22.1B	32.8	17.7	73.8	13.4	16.6	22.3	13.7B	---	1
2	---	---	5.068	22.7B	33.1	17.6	87.2	13.4	15.4	23.3	---	---	2
3	---	---	5.158	22.9B	30.4	17.6	85.0	13.6	14.3	25.4	---	---	3
4	---	---	5.228	23.9B	28.1	17.1	46.3	13.0	13.3	25.3	---	---	4
5	---	3.99B	5.428	24.3B	26.2	16.7	41.2	12.6	12.8	23.6	---	---	5
6	---	---	5.268	24.4B	24.7	17.8	84.0	15.6	12.8	22.1	---	---	6
7	---	---	5.618	24.8B	23.7	18.0	85.1	16.2	13.0	21.0	---	---	7
8	---	---	7.67B	23.2B	23.6	21.3	80.1	16.2	13.3	19.8	---	---	8
9	---	---	8.19B	21.8B	22.0	46.0	85.1	45.2	14.1	19.0	---	---	9
10	---	---	8.40B	21.8B	22.6	152	88.8	47.6	14.0	18.3	---	---	10
11	---	---	8.23B	19.4B	23.4	178	48.2	36.7	13.8	17.6	---	---	11
12	---	---	8.24B	22.0B	25.0	161	46.6	32.7	13.2	16.7	---	---	12
13	---	---	8.46B	26.2B	27.4	200	48.4	26.8	13.1	16.2	---	---	13
14	---	---	8.66B	26.9B	32.0	186	80.0	25.8	13.3	18.0	---	---	14
15	---	---	9.11B	26.4B	26.0	134	47.3	23.2	14.0	15.8	---	---	15
16	---	---	9.69B	28.4	26.2	111	40.2	22.3	14.2	15.2	---	---	16
17	---	---	10.1 B	30.4	26.2	95.0	24.8	23.3	14.3	14.8	---	---	17
18	---	---	10.6 B	44.6	33.4	81.7	30.8	30.3	14.2	14.6	---	---	18
19	---	---	11.3 B	56.4	30.0	70.3	27.6	40.4	15.4	14.6	---	---	19
20	---	---	12.2 B	60.1	28.6	61.1	24.6	53.3	21.9	14.6	---	---	20
21	---	---	13.3 B	60.4	26.3	54.3	22.7	50.6	21.6	14.4	---	---	21
22	---	---	14.6 B	63.1	24.4	49.3	20.6	44.2	19.9	14.1	---	---	22
23	---	---	15.5 B	56.2	22.6	45.4	18.6	39.4	19.5	13.8	---	---	23
24	---	4.78B	16.4 B	54.0	21.4	42.8	17.0	36.2	19.4	13.6	---	---	24
25	---	4.85B	17.3 B	50.9	20.3	39.8	16.3	32.2	19.5	13.6	---	---	25
26	---	4.33B	18.2 B	47.2	19.8	37.3	14.1	28.8	19.6	13.7	---	---	26
27	---	4.63B	18.3 B	40.8	18.8	35.0	13.4	25.4	19.7	13.8	---	---	27
28	---	5.08B	19.6 B	36.3	19.4	38.8	12.8	22.8	19.8	11.7B	---	---	28
29	---	4.81B	20.0 B	34.7	18.8	44.2	11.8	21.2	20.8	11.8B	---	---	29
30	---		21.0 B	34.1	18.8	86.8	11.8	19.3	21.1	11.6B	---	---	30
31	---		22.0 B		18.4		12.8	17.8		13.2B		---	31
TOTAL	---	---	367.06	1 063.5	803.2	2 046.4	1 181.0	884.8	487.0	531.8	---	---	TOTAL
MEAN	---	---	11.8	35.1	25.8	88.2	37.1	27.8	16.2	16.8	---	---	MEAN
MAX	---	---	22.0	63.1	36.2	200	72.8	53.3	21.8	25.4	---	---	MAX
MIN	---	---	5.02	19.4	18.7	17.1	11.6	12.4	12.8	11.8	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.7
MAXIMUM DAILY, 200 ON JUN 13
MINIMUM DAILY, 5.02B ON MAR 1
MAXIMUM INSTANTANEOUS,
210 AT 08:35 MST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 46 N
LONG 115 50 18 W
DRAINAGE AREA, 8 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	89 400
FEB	---	AUG	74 700
MAR	30 800	SEP	42 100
APR	91 000	OCT	45 100
MAY	68 400	NOV	---
JUN	177 000	DEC	---

TOTAL DISCHARGE, 630 000 dam³

MEADOW CREEK NEAR THE MOUTH - STATION NO. 05AB028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0	---	1
2	---	---	0	0	0	0	0	0	0	0	0A	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0.003E	0	0	0	0	0	0	0	---	---	20
21	---	---	0.003E	0	0	0	0	0	0	0	---	---	21
22	---	---	0.003E	0	0	0	0	0	0	0	---	---	22
23	---	---	0.003E	0	0	0	0	0	0	0	---	---	23
24	---	0A	0.003E	0	0	0	0	0	0	0	---	---	24
25	---	0	0.003E	0	0	0	0	0	0	0	---	---	25
26	---	0	0.004E	0	0	0	0	0	0	0	---	---	26
27	---	0	0.003E	0	0	0	0	0	0	0	---	---	27
28	---	0	0.003E	0	0	0	0	0	0	0	---	---	28
29	---	0	0.003A	0	0	0	0	0	0	0	---	---	29
30	---		0.003E	0	0	0	0	0	0	0	---	---	30
31	---		0.001E		0		0	0		0		---	31
TOTAL	---	---	0.029	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.004	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.004E ON MAR 26
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 15 N
LONG 113 38 43 W
DRAINAGE AREA, 130 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2.61	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2.61 dam³

MEDICINE RIVER NEAR ECKVILLE - STATION NO. 05CC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.200B	0.080B	0.105B	1.71 B	0.574	0.726	0.476	0.382	0.867	3.24	1.02 B	0.440B	1
2	0.175B	0.080B	0.120B	2.26 B	0.538	0.462	0.480	0.408	0.717	2.88	0.930	0.425B	2
3	0.130B	0.080B	0.160B	3.73 B	0.485	0.483	0.615	0.485	0.833	2.47	1.04	0.415B	3
4	0.125B	0.080B	0.250B	5.18 B	0.448	0.400	1.15	0.800	0.618	2.08	0.940B	0.405B	4
5	0.113B	0.080B	0.370B	5.81 B	0.441	0.484	0.948	0.580	0.427	1.87	0.880B	0.400B	5
6	0.100B	0.080B	0.530B	5.85 B	0.475	0.704	0.913	0.481	0.378	1.82	0.822B	0.390B	6
7	0.095B	0.085B	0.630B	4.86 B	0.472	0.888	3.72	0.419	0.372	1.88	0.808B	0.385B	7
8	0.090B	0.085B	0.660B	3.95 B	0.477	1.06	17.7	0.378	0.301	2.07	0.780B	0.380B	8
9	0.085B	0.090B	0.670B	3.53 B	0.435	1.49	27.8	0.387	0.210	1.81	0.861B	0.375B	9
10	0.080B	0.090B	0.660B	3.08 B	0.466	4.36	28.9	0.380	0.222	1.33	0.610B	0.370B	10
11	0.080B	0.095B	0.635B	3.13 B	0.381	7.16	14.0	0.438	0.263	1.18	0.582B	0.365B	11
12	0.080B	0.100B	0.615B	2.84 B	0.476	5.09	8.84	0.476	0.894	1.06	0.525B	0.365B	12
13	0.085B	0.105B	0.595B	2.48 B	0.408	5.62	6.82	0.476	1.72	0.820	0.495B	0.360B	13
14	0.085B	0.110B	0.563B	1.24 B	0.416	4.41	6.34	0.463	1.40	0.885	0.470B	0.360B	14
15	0.085B	0.120B	0.529B	1.53 B	0.389	3.45	5.86	0.817	1.18	0.888	0.465B	0.355B	15
16	0.090B	0.130B	0.538B	2.07 B	0.378	2.82	5.38	0.885	1.24	0.852	0.485B	0.355B	16
17	0.090B	0.140B	0.528B	1.73	0.446	2.26	4.82	0.938	1.27	1.01	0.485B	0.350B	17
18	0.095B	0.155B	0.497B	1.48	0.393	1.76	3.83	3.38	1.80	1.16	0.495B	0.345B	18
19	0.100B	0.170B	0.510B	1.50	0.374	1.38	3.10	7.32	4.05	1.42	0.500B	0.345B	19
20	0.105B	0.180B	0.533B	1.35	0.322	1.13	2.84	9.31	4.30	1.15	0.495B	0.341B	20
21	0.120B	0.180B	0.528B	1.24	0.308	0.873	2.14	5.63	4.17	1.04	0.490B	0.340B	21
22	0.130B	0.175B	0.942B	1.14	0.358	0.830	1.88	7.52	4.03	1.02	0.480B	0.335B	22
23	0.140B	0.165B	2.04 B	1.07	0.420	0.732	1.48	7.32	3.83	1.03	0.487B	0.330B	23
24	0.145B	0.150B	1.78 B	0.971	0.398	0.670	1.18	5.58	3.52	0.967	0.465B	0.325B	24
25	0.150B	0.141B	4.56 B	0.984	0.394	0.723	0.937	4.16	3.26	0.961	0.435B	0.320B	25
26	0.128B	0.135B	4.15 B	0.906	0.418	0.578	0.744	3.09	3.15	0.834	0.430B	0.310B	26
27	0.120B	0.125B	3.42 B	0.826	0.443	0.485	0.583	2.72	3.88	0.825B	0.440B	0.305B	27
28	0.105B	0.115B	3.10 B	0.735	0.458	0.459	0.801	2.04	4.32	1.05 B	0.445B	0.305B	28
29	0.095B	0.105B	2.94 B	0.676	0.476	0.575	0.478	1.82	4.14	1.11 B	0.450B	0.300B	29
30	0.085B		2.53 B	0.619	0.470	0.550	0.406	1.28	3.87	1.18	0.443B	0.300B	30
31	0.080B		1.82 B		0.529		0.367	1.04		1.09 B		0.300B	31
TOTAL	3.385	3.436	37.639	69.326	13.683	53.718	151.857	73.531	69.508	43.083	17.925	10.898	TOTAL
MEAN	0.109	0.118	1.21	2.31	0.438	1.79	4.90	2.37	2.02	1.39	0.598	0.355	MEAN
MAX	0.200	0.180	4.56	5.81	0.629	7.16	27.8	9.31	4.32	3.24	1.04	0.440	MAX
MIN	0.080	0.080	0.105	0.619	0.309	0.400	0.367	0.380	0.210	0.852	0.430	0.300	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.47
MAXIMUM DAILY, 27.8 ON JUL 8
MINIMUM DAILY, 0.080B ON JAN 10
MAXIMUM INSTANTANEOUS,
30.2 AT 00:58 MST ON JUL 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 05 N
LONG 114 20 33 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	283	JUL	13 100
FEB	287	AUG	6 350
MAR	3 250	SEP	5 240
APR	5 990	OCT	3 720
MAY	1 170	NOV	1 550
JUN	4 640	DEC	950

TOTAL DISCHARGE, 48 800 dam³

MEETING CREEK NEAR DONALDA - STATION NO. 05FC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0018	0.083	0	0.021	0	0	0	0	---	1
2	---	---	0 B	0.0028	0.048	0	0.013	0	0	0	---	---	2
3	---	---	0 B	0.0298	0.038	0	0.005	0	0	0	---	---	3
4	---	---	0 B	0.2648	0.030	0	0.004	0	0	0	---	---	4
5	---	---	0 B	0.5228	0.027	0	0.002	0	0	0	---	---	5
6	---	---	0 B	1.07 B	0.023	0	0.025	0	0	0	---	---	6
7	---	---	0 B	2.54	0.018	0	0.030	0	0	0	---	---	7
8	---	---	0 B	2.44	0.010	0.035	0.032	0	0	0	---	---	8
9	---	---	0 B	2.03	0.005	0.154	0.038	0	0	0	---	---	9
10	---	---	0 B	2.04	0.002	0.063	0.036	0	0	0	---	---	10
11	---	---	0.0018	1.84	0.001	0.047	0.040	0	0	0	---	---	11
12	---	---	0.0028	1.88	0.001	0.038	0.054	0	0	0	---	---	12
13	---	---	0.0028	1.10	0.001	0.047	0.057	0	0	0	---	---	13
14	---	---	0.0028	0.888	0	0.044	0.055	0	0	0	---	---	14
15	---	---	0.0028	0.446	0	0.050	0.052	0	0	0	---	---	15
16	---	---	0.0028	0.308	0	0.052	0.046	0	0	0	---	---	16
17	---	---	0.0028	0.198	0	0.051	0.040	0	0	0	---	---	17
18	---	---	0.0028	0.121	0	0.048	0.035	0.029	0	0	---	---	18
19	---	---	0.0028	0.112	0	0.038	0.030	0.041	0.001	0	---	---	19
20	---	---	0.0028	0.118	0	0.027	0.023	0.035	0.005	0	---	---	20
21	---	---	0.0028	0.128	0	0.018	0.018	0.053	0.001	0	---	---	21
22	---	---	0.0028	0.118	0	0.010	0.012	0.048	0	0	---	---	22
23	---	---	0.0028	0.113	0	0.003	0.007	0.037	0	0	---	---	23
24	---	0B	0.0028	0.115	0	0.038	0.003	0.029	0	0	---	---	24
25	---	0B	0.0018	0.108	0	0.038	0	0.021	0	0	---	---	25
26	---	0B	0.0018	0.108	0	0.035	0	0.014	0.002	0	---	---	26
27	---	0B	0.0028	0.108	0	0.029	0	0.008	0	0	---	---	27
28	---	0B	0.0028	0.088	0	0.026	0	0.003	0	0	---	---	28
29	---	0B	0.0018	0.082	0	0.035	0	0	0	0	---	---	29
30	---		0.0018	0.080	0	0.030	0	0	0	0	---	---	30
31	---		0.0018		0		0	0		0		---	31
TOTAL	---	---	0.038	18.905	0.285	0.955	0.578	0.318	0.010	0	---	---	TOTAL
MEAN	---	---	0.001	0.630	0.009	0.032	0.022	0.010	0	0	---	---	MEAN
MAX	---	---	0.002	2.54	0.083	0.154	0.057	0.053	0.005	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.068
MAXIMUM DAILY, 2.54 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.37 AT 18:07 MST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 48 N
LONG 112 31 57 W
DRAINAGE AREA, 472 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	58.7
FEB	---	AUG	27.6
MAR	3.11	SEP	0.88
APR	1 630	OCT	0
MAY	22.8	NOV	---
JUN	82.8	DEC	---

TOTAL DISCHARGE, 1 830 dam³

MICHEL RESERVOIR NEAR ELKWATER - STATION NO. 11AB001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	302.882	303.108	303.488	303.346	303.312	302.907	302.774	302.883	302.870A	---	1
2	---	---	302.875	303.102	303.483	303.345	303.308	302.895	302.773	302.881	---	---	2
3	---	---	302.873	303.214	303.482	303.342	303.301	302.888	302.772	302.876	---	---	3
4	---	---	302.871	303.252	303.480	303.340	303.296	302.884	302.766	302.871	---	---	4
5	---	---	302.884	303.277	303.484	303.337	303.293	302.889	302.762	302.888	---	---	5
6	---	---	302.887	303.304	303.483	303.440	303.286	302.880	302.758	302.887	---	---	6
7	---	---	302.885	303.342	303.483	303.483	303.239	302.888	302.749	302.884	---	---	7
8	---	---	302.887	303.358	303.489	303.448	303.173	302.880	302.741	302.885	---	---	8
9	---	---	302.887	303.370	303.459	303.450	303.186	302.859	302.735	302.882	---	---	9
10	---	---	302.730	303.384	303.462	303.449	303.180	302.880	302.724	302.859	---	---	10
11	---	---	302.732	303.401	303.461	303.437	303.154	302.842	302.720	302.857	---	---	11
12	---	---	302.735	303.411	303.458	303.427	303.145	302.836	302.718	302.856	---	---	12
13	---	---	302.739	303.422	303.454	303.427	303.135	302.834	302.722	302.886	---	---	13
14	---	---	302.743	303.428	303.448	303.427	303.134	302.830	302.720	302.853	---	---	14
15	---	---	302.748	303.438	303.439	303.422	303.127	302.825	302.718	302.848	---	---	15
16	---	---	302.755	303.448	303.441	303.424	303.122	302.836	302.718	302.814	---	---	16
17	---	---	302.761	303.450	303.436	303.416	303.113	302.839	302.709	302.400	---	---	17
18	---	---	302.769	303.461	303.429	303.406	303.103	302.835	302.703	302.173	---	---	18
19	---	---	302.786	303.485	303.422	303.397	303.097	302.828	302.700	302.111	---	---	19
20	---	---	302.840	303.467	303.421	303.393	303.095	302.822	302.702	302.116	---	---	20
21	---	---	302.827	303.466	303.421	303.384	303.092	302.821	302.705	302.100	---	---	21
22	---	---	302.874	303.471	303.421	303.380	303.086	302.826	302.706	302.102	---	---	22
23	---	---	302.899	303.474	303.418	303.373	303.088	302.826	302.702	302.094	---	---	23
24	---	302.882A	303.022	303.485	303.403	303.384	303.084	302.822	302.898	302.093	---	---	24
25	---	302.881	303.038	303.484	303.398	303.380	303.058	302.818	302.898	302.091	---	---	25
26	---	302.888	303.057	303.488	303.398	303.340	303.053	302.810	302.894	302.088	---	---	26
27	---	302.888	303.086	303.470	303.396	303.338	303.046	302.801	302.888	302.073	---	---	27
28	---	302.887	303.087	303.476	303.388	303.331	303.008	302.800	302.881	302.088	---	---	28
29	---	302.888	303.080	303.476	303.376	303.332	302.830	302.787	302.891	302.086	---	---	29
30	---		303.088	303.488	303.370	303.316	302.826	302.781	302.887	302.088	---	---	30
31	---		303.090		303.364		302.816	302.778		302.070		---	31
MEAN	---	---	302.833	303.385	303.431	303.388	303.128	302.838	302.721	302.387	---	---	MEAN
MAX	---	---	303.087	303.476	303.488	303.483	303.312	302.907	302.774	302.883	---	---	MAX
MIN	---	---	302.885	303.108	303.364	303.316	302.816	302.778	302.887	302.088	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 303.476 ON APR 26

MAXIMUM INSTANTANEOUS,
303.487 AT 16:46 CST ON APR 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 34 N
LONG 110 22 07 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
22.5 km²

MICHICHI CREEK AT DRUMHELLER - STATION NO. 05CE030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.85 B	0.002	0	0.010	0.880	0	0.001	0E	---	1
2	---	---	0 B	1.03	0.001	0	0.002	0.525	0	0.001	0	---	2
3	---	---	0 B	0.880	0.002	0	0.002	0.120	0	0	---	---	3
4	---	---	0 B	0.880	0.001	0	0.002	0.010	0	0	---	---	4
5	---	---	0.0088	0.730	0	0	0.002	0.003	0	0	---	---	5
6	---	---	0.0028	0.935	0	0	0.002	0.001	0	0	---	---	6
7	---	---	0.0028	2.26	0	0	0.010	0.010	0	0	---	---	7
8	---	---	0.0028	1.56	0	0.105	0.004	0.002	0	0	---	---	8
9	---	---	0.0038	2.83	0	0.525	0.003	0.001	0	0	---	---	9
10	---	---	0.0018	3.09	0	0.495	0.001	0.003	0	0	---	---	10
11	---	---	0.0248	2.78	0	0.880	0	0.880	0	0	---	---	11
12	---	---	0.0188	2.08	0	0.445	0.002	0.068	0	0	---	---	12
13	---	---	0.0108	0.880	0	0.295	0.002	0.054	0	0	---	---	13
14	---	---	0.0108	0.585	0	0.180	0	0.033	0	0	---	---	14
15	---	---	0.0048	0.395	0	0.120	0	0.024	0	0	---	---	15
16	---	0B	0.0108	0.295	0	0.088	0	0.010	0	0	---	---	16
17	---	0B	0.0188	0.210	0	0.043	0	0.008	0.017	0	---	---	17
18	---	0B	0.0108	0.138	0	0.024	0	0.043	0.018	0	---	---	18
19	---	0B	0.0108	0.105	0	0.003	0	0.105	0.003	0	---	---	19
20	---	0B	0.0088	0.054	0	0.002	0	0.858	0.230	0	---	---	20
21	---	0B	0.0088	0.040E	0	0	0	0.295	0.018	0	---	---	21
22	---	0B	0.0088	0.043	0	0	0	0.120	0.003	0	---	---	22
23	---	0B	0.0188	0.033	0	0	0	0.081	0.003	0	---	---	23
24	---	0B	0.0248	0.018	0	0	0	0.081	0.024	0	---	---	24
25	---	0B	0.0188	0.010	0	0	0	0.088	0.078	0	---	---	25
26	---	0B	0.0108	0.010	0	0	0	0.018	0.024	0	---	---	26
27	---	0B	0 B	0.008	0	0.001	0	0.008	0.008	0	---	---	27
28	---	0B	0 B	0.008	0	0	0	0.001	0.003	0	---	---	28
29	---	0B	0 B	0.004	0	0.170	0	0.001	0.002	0	---	---	29
30	---		0.1508	0.003	0	0.238	0	0.001	0.002	0	---	---	30
31	---		0.3488		0		0	0		0		---	31
TOTAL	---	---	0.705	24.115	0.008	3.804	0.042	4.038	0.427	0.002	---	---	TOTAL
MEAN	---	---	0.023	0.804	0	0.120	0.001	0.130	0.014	0	---	---	MEAN
MAX	---	---	0.348	3.09	0.002	0.880	0.010	0.880	0.230	0.001	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.134
MAXIMUM DAILY, 3.09 ON APR 10
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 25 17 N
LONG 112 42 58 W
DRAINAGE AREA, 1 140 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3.83
FEB	---	AUG	348
MAR	80.6	SEP	36.9
APR	2 080	OCT	0.17
MAY	0.82	NOV	---
JUN	311	DEC	---

TOTAL DISCHARGE, 2 840 dam³

MIDDLE CREEK NEAR THE SASKATCHEWAN BOUNDARY - STATION NO. 11AB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0188	0.0388	0.018	0.012	0.008	0.002	0.002	0.003	0.0038	---	1
2	---	---	0.0148	0.1788	0.018	0.013	0.008	0.002	0.002	0.003	0.003A	---	2
3	---	---	0.0148	0.3188	0.018	0.010	0.005	0.002	0.002	0.003	---	---	3
4	---	---	0.0138	0.486	0.018	0.008	0.006	0.002	0.002	0.003	---	---	4
5	---	---	0.0138	0.870	0.018	0.008	0.011	0.002	0.002	0.003	---	---	5
6	---	---	0.0128	0.848	0.024	0.008	0.010	0.001	0.002	0.003	---	---	6
7	---	---	0.0128	0.582	0.017	0.006	0.011	0.001	0.002	0.003	---	---	7
8	---	---	0.0148	0.582	0.021	0.006	0.007	0.001	0.002	0.003	---	---	8
9	---	---	0.0208	0.590	0.021	0.008	0.006	0.001	0.002	0.003	---	---	9
10	---	---	0.0188	0.277	0.018	0.008	0.004	0.002	0.002	0.003	---	---	10
11	---	---	0.0138	0.158	0.018	0.007	0.003	0.002	0.002	0.003	---	---	11
12	---	---	0.0118	0.102	0.018	0.006	0.003	0.002	0.002	0.003	---	---	12
13	---	---	0.0118	0.103	0.017	0.012	0.006	0.002	0.002	0.003	---	---	13
14	---	---	0.0118	0.145	0.016	0.013	0.005	0.002	0.002	0.002	---	---	14
15	---	---	0.0108	0.123	0.018	0.011	0.004	0.002	0.002	0.002	---	---	15
16	---	---	0.0108	0.081	0.018	0.010	0.003	0.010	0.002	0.002	---	---	16
17	---	---	0.0108	0.085	0.018	0.008	0.002	0.013	0.002	0.002	---	---	17
18	---	---	0.0128	0.036	0.018	0.007	0.002	0.006	0.002	0.003	---	---	18
19	---	---	0.0178	0.031	0.013	0.007	0.002	0.005	0.002	0.003	---	---	19
20	---	---	0.0248	0.027	0.018	0.006	0.002	0.004	0.002	0.003	---	---	20
21	---	---	0.0358	0.026	0.018	0.007	0.002	0.003	0.002	0.003	---	---	21
22	---	---	0.0298	0.023	0.018	0.007	0.002	0.003	0.002	0.003	---	---	22
23	---	---	0.0258	0.020	0.014	0.006	0.002	0.003	0.002	0.003	---	---	23
24	---	0.0148	0.0188	0.020	0.012	0.007	0.002	0.003	0.002	0.003A	---	---	24
25	---	0.0138	0.0188	0.022	0.013	0.006	0.002	0.002	0.002	0.003E	---	---	25
26	---	0.0148	0.0188	0.022	0.018	0.005	0.003	0.002	0.002	0.003E	---	---	26
27	---	0.0308	0.0238	0.020	0.018	0.006	0.002	0.002	0.002	0.004E	---	---	27
28	---	0.0258	0.0188	0.021	0.018	0.006	0.002	0.002	0.002	0.004E	---	---	28
29	---	0.0208	0.0188	0.020	0.018	0.006	0.002	0.002	0.002	0.004E	---	---	29
30	---		0.0148	0.018	0.014	0.008	0.002	0.002	0.003	0.004E	---	---	30
31	---		0.0188		0.013		0.002	0.002		0.004E		---	31
TOTAL	---	---	0.501	5.728	0.513	0.248	0.126	0.082	0.081	0.094	---	---	TOTAL
MEAN	---	---	0.016	0.191	0.017	0.008	0.004	0.003	0.002	0.003	---	---	MEAN
MAX	---	---	0.035	0.870	0.024	0.013	0.011	0.013	0.003	0.004	---	---	MAX
MIN	---	---	0.010	0.018	0.012	0.006	0.002	0.001	0.002	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.030
MAXIMUM DAILY, 0.870 ON APR 5
MINIMUM DAILY, 0.001 ON AUG 8
MAXIMUM INSTANTANEOUS,
1.26 AT 17:12 CST ON APR 4

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 25 N
LONG 110 03 08 W
DRAINAGE AREA, 305 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.8
FEB	---	AUG	7.95
MAR	43.3	SEP	8.27
APR	488	OCT	8.13
MAY	44.3	NOV	---
JUN	21.4	DEC	---

TOTAL DISCHARGE, 838 dam³

MIETTE RIVER NEAR JASPER - STATION NO. 07AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4898	0.8498	0.7818	0.8848	7.02	22.2	18.4	9.98	7.02	7.82	3.848	1.848	1
2	0.8318	0.8178	0.7658	0.9648	8.02	20.3	15.9	9.68	8.84	8.48	4.808	1.878	2
3	0.8828	0.7858	0.7328	1.03 B	8.32	20.9	20.5	8.58	8.83	8.78	4.588	1.888	3
4	0.7638	0.7318	0.7308	1.02 B	8.04	22.6	18.8	8.31	8.90	8.40	3.848	1.708	4
5	0.8808	0.7028	0.7198	0.9138	4.62	24.4	18.8	18.2	7.03	8.18	3.808	1.888	5
6	0.8218	0.7038	0.6928	0.8478	4.74	38.8	24.8	28.8	7.44	4.88	3.838	1.818	6
7	0.8418	0.7038	0.6758	0.8638	5.20	53.7	18.9	23.8	11.8	4.88	3.838	1.558	7
8	0.8858	0.7148	0.6888	0.8848	7.53	64.8	17.2	16.0	7.93	4.83	3.528	1.508	8
9	0.8298	0.6828	0.7028	0.8408	12.1	55.8	16.8	15.8	8.76	4.36	3.728	1.478	9
10	0.4238	0.8708	0.8958	0.8888	18.3	43.4	15.8	16.3	8.42	4.31	3.148	1.538	10
11	0.4428	0.8648	0.6488	1.18 B	25.8	37.0	18.7	12.8	6.81	4.28	3.408	1.438	11
12	0.5008	0.7008	0.7028	1.34 B	34.2	30.4	24.7	10.8	5.40	4.12	3.058	1.438	12
13	0.6008	0.7638	0.7018	1.61 B	42.8	25.8	19.0	9.83	5.19	4.01	2.788	1.438	13
14	0.7808	0.7888	0.7158	1.88	40.4	30.2	20.8	9.27	5.22	4.38	2.508	1.408	14
15	0.8108	0.8068	0.7068	2.38	29.3	34.8	18.3	9.08	5.15	5.00	2.428	1.388	15
16	1.02 B	0.8378	0.7418	3.28	24.3	40.2	14.7	12.4	5.13	4.40	2.408	1.388	16
17	1.02 B	0.8588	0.7228	4.36	29.8	43.1	12.7	15.8	5.86	3.84	2.368	1.448	17
18	1.00 B	0.8648	0.7288	5.12	21.8	42.8	11.4	16.3	5.27	3.57	2.148	1.818	18
19	0.8508	0.8078	0.8788	5.84	16.8	40.2	10.9	12.8	5.13	3.89	2.188	1.588	19
20	0.8008	0.8988	0.7818	8.37	15.2	33.1	11.8	13.2	4.82	3.84	2.228	1.348	20
21	0.8808	0.8868	0.8198	9.21	16.1	27.7	12.8	11.1	4.82	3.66	2.238	1.388	21
22	0.7958	0.8588	0.7618	8.76	22.8	30.2	13.5	9.82	4.52	4.72	2.268	1.398	22
23	0.7488	0.8068	0.7848	8.88	36.9	32.0	11.7	9.82	4.36	4.23	2.188	1.378	23
24	0.8678	0.8808	0.7578	8.08	34.8	30.4	10.8	9.42	4.17	3.81	1.728	1.338	24
25	0.7268	0.8238	0.8028	7.19	29.8	24.3	10.8	9.11	3.97	3.378	1.718	1.288	25
26	0.7488	0.8138	0.7788	8.87	27.4	28.4	11.4	8.63	4.04	3.608	1.708	1.288	26
27	0.7928	0.8478	0.7858	8.08	26.8	28.7	12.2	8.48	4.16	2.858	1.728	1.248	27
28	0.7888	0.8338	0.8008	8.58	26.0	30.1	11.4	8.24	4.18	1.838	2.008	1.228	28
29	0.7878	0.8028	0.7888	8.05	30.0	27.1	8.83	8.18	4.61	1.888	2.188	1.188	29
30	0.8238		0.7298	8.22	26.0	24.7	8.88	10.0	8.08	3.388	1.978	1.188	30
31	0.8108		0.7888		28.2		8.24	7.90		3.388		1.138	31
TOTAL	23.148	22.983	23.182	127.914	857.08	1 008.0	471.78	377.48	177.28	131.01	83.31	44.77	TOTAL
MEAN	0.747	0.792	0.747	4.26	21.3	33.5	15.2	12.2	5.91	4.23	2.78	1.44	MEAN
MAX	1.03	0.907	0.800	9.84	42.8	64.8	24.8	28.8	11.8	7.82	4.80	1.87	MAX
MIN	0.423	0.884	0.848	0.840	4.62	20.3	8.24	7.90	3.97	1.83	1.70	1.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.80
MAXIMUM DAILY, 64.8 ON JUN 8
MINIMUM DAILY, 0.4238 ON JAN 10
MAXIMUM INSTANTANEOUS,
88.0 AT 04:38 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 50 N
LONG 118 08 21 W
DRAINAGE AREA, 830 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 000	JUL	40 680
FEB	1 880	AUG	32 000
MAR	2 000	SEP	15 300
APR	11 100	OCT	11 300
MAY	86 600	NOV	7 200
JUN	88 000	DEC	3 870

TOTAL DISCHARGE, 372 000 dam³

MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 11AA031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.428	18.8	15.9	18.8	18.4	8.81	0.633	0.304	---	---	1
2	---	---	1.869	17.1	15.5	19.1	18.9	10.8	0.510	0.193	---	---	2
3	---	---	1.709	14.0	16.1	19.3	18.2	12.4	0.463	0.161	---	---	3
4	---	---	1.709	14.0	18.3	18.5	18.8	12.8	0.453	0.159	---	---	4
5	---	---	1.849	13.9	16.8	17.2	15.8	12.4	0.398	0.142E	---	---	5
6	---	---	2.128	16.4	16.8	20.5	15.8	11.2	0.311	0.127E	---	---	6
7	---	---	2.27	20.9	20.5	21.0	16.0	9.48	0.266	0.127E	---	---	7
8	---	---	2.27	24.0	19.2	20.3	15.8	8.47	0.228	0.113E	---	---	8
9	---	---	2.55	24.7	17.3	20.4	15.3	7.82	0.204	0.113E	---	---	9
10	---	---	2.41	21.5	16.7	20.8	15.1	8.82	0.181	0.113E	---	---	10
11	---	---	2.27	24.4	17.0	20.3	14.3	6.48	0.311	0.113E	---	---	11
12	---	---	2.41	21.8	15.8	19.5	14.0	6.40	0.706	0.088E	---	---	12
13	---	---	2.55	22.1	14.2	18.5	15.1	4.90	0.666	0.088E	---	---	13
14	---	---	2.70	22.9	11.9	19.1	14.4	4.38	0.366	0.088E	---	---	14
15	---	---	2.55	22.0	10.8	18.5	14.4	3.62	0.340	0.088E	---	---	15
16	---	---	2.55	21.6	9.66	17.8	14.3	3.86	0.311	0.113E	---	---	16
17	---	---	2.41	20.5	10.4	17.8	13.7	4.47	0.289	0.113E	---	---	17
18	---	---	2.18	18.6	14.5	17.2	13.3	3.51	0.638	0.113E	---	---	18
19	---	---	1.81	18.6	16.3	16.5	13.2	2.94	0.783	0.113E	---	---	19
20	---	---	2.01	23.3	18.7	16.1	13.3	2.78	0.880	0.113E	---	---	20
21	---	---	1.44	22.8	18.8	16.1	13.2	2.48	0.838	0.113E	---	---	21
22	---	---	1.35	22.2	20.2	15.8	13.2	2.48	0.360	0.113E	---	---	22
23	---	---	8.67	20.3	20.8	16.1	13.5	2.41	0.340	0.113E	---	---	23
24	---	---	16.0	19.3	20.1	16.3	13.8	2.48	0.268	0.127E	---	---	24
25	---	---	14.9	18.8	19.7	16.1	12.3	2.24	0.241	0.127E	---	---	25
26	---	---	17.2	18.7	18.1	16.2	12.4	1.95	0.228	0.142E	---	---	26
27	---	---	17.8	17.7	18.8	15.2	12.8	1.68	0.229	0.142E	---	---	27
28	---	---	18.1	16.8	15.8	14.7	13.0	1.36	0.215	0.188E	---	---	28
29	---	---	16.8	16.8	14.7	14.7	11.1	1.19	0.215	0.229	---	---	29
30	---		18.7	16.3	14.7	15.8	9.94	0.998	0.215	0.255	---	---	30
31	---		20.0		15.8		10.0	0.736		0.259		---	31
TOTAL	---	---	198.32	598.1	511.98	534.4	434.84	185.412	11.318	4.374	---	---	TOTAL
MEAN	---	---	6.33	19.8	16.5	17.8	14.0	5.34	0.377	0.141	---	---	MEAN
MAX	---	---	20.0	28.4	20.8	21.0	16.4	12.8	0.783	0.288	---	---	MAX
MIN	---	---	1.35	13.9	9.66	14.7	9.94	0.736	0.181	0.088	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.0
MAXIMUM DAILY, 28.4 ON APR 11
MINIMUM DAILY, 0.088E ON OCT 12
MAXIMUM INSTANTANEOUS,
28.8 AT 17:30 MST ON MAR 28

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 03 N
LONG 110 28 10 W
DRAINAGE AREA, 6 490 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1917

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	37 800
FEB	---	AUG	14 300
MAR	17 000	SEP	978
APR	51 700	OCT	378
MAY	44 200	NOV	---
JUN	46 200	DEC	---

TOTAL DISCHARGE, 212 000 dam³

MILK RIVER AT MILK RIVER - STATION NO. 11AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0838	0.0878	1.608	12.7	18.3	18.7	18.8	13.1	0.319	0.183	0.391	0.2248	1
2	0.0878	0.0758	1.688	12.3	18.2	18.4	17.0	12.8	0.281	0.161	0.361	0.2398	2
3	0.0788	0.0808	1.898	14.4	18.4	19.8	18.8	12.2	0.257	0.178	0.373	0.2448	3
4	0.0858	0.0828	2.088	16.8	19.5	20.4	16.8	10.7	0.231	0.167	0.332	0.2578	4
5	0.0818	0.0858	1.888	18.5	20.5	19.8	16.9	8.82	0.208	0.188	0.316	0.2808	5
6	0.0828	0.1008	2.648	18.8	20.1	19.4	17.2	8.78	0.181	0.178	0.280A	0.2808	6
7	0.0848	0.1118	2.438	18.7	19.4	18.8	16.8	7.08	0.174	0.178	0.2608	0.2608	7
8	0.0738	0.1068	2.31	22.0	19.8	20.1	16.4	6.82	0.168	0.168	0.2768	0.2528	8
9	0.0848	0.1008	2.50	26.4	18.5	20.3	16.4	5.78	0.144	0.172	0.2768	0.2708	9
10	0.0878	0.0908	2.30	24.3	18.2	19.7	16.8	4.28	0.108	0.193	0.2708	0.2448	10
11	0.0788	0.0878	2.088	23.6	18.2	19.6	16.8	3.77	0.261	0.197	0.2708	0.2028	11
12	0.0858	0.1078	1.718	23.2	14.6	19.6	16.8	3.88	0.232	0.185	0.2708	0.1848	12
13	0.0908	0.0858	1.978	23.0	14.3	19.2	16.0	3.64	0.218	0.183	0.2688	0.1908	13
14	0.0808	0.0708	1.838	22.0	14.4	19.1	16.0	3.30	0.208	0.186	0.2488	0.1718	14
15	0.0828	0.0758	1.808	18.8	16.8	18.8	15.8	2.87	0.227	0.201	0.2628	0.2778	15
16	0.0868	0.0828	1.528	18.4	18.2	18.7	15.8	2.74	0.234	0.203	0.2788	0.1898	16
17	0.0778	0.0808	1.388	18.1	20.8	18.7	15.4	2.88	0.278	0.222	0.2768	0.1908	17
18	0.0868	0.1008	1.618	18.7	21.3	18.8	15.4	2.82	0.324	0.221	0.2268	0.2288	18
19	0.0788	0.1788	3.83	20.1	21.3	18.3	15.4	2.60	0.278	0.233	0.3218	0.2308	19
20	0.0838	0.5008	8.38	19.3	21.3	18.3	15.4	2.69	0.298	0.231	0.4268	0.2358	20
21	0.0818	0.4328	15.8	18.8	21.3	18.3	15.2	2.28	0.288	0.228	0.4148	0.2408	21
22	0.0858	0.3238	17.2	18.3	21.1	18.8	15.0	1.68	0.260	0.250	0.4328	0.2388	22
23	0.0808	0.4838	15.2	18.2	20.7	19.0	14.8	1.20	0.316	0.241	0.4568	0.2358	23
24	0.0718	0.5308	16.3	18.7	20.4	18.2	14.8	0.818	0.307	0.241	0.5308	0.2088	24
25	0.0828	0.8528	14.8	18.7	18.7	17.4	14.8	0.691	0.278	0.231	0.5108	0.1718	25
26	0.0738	0.7388	14.2	18.8	17.5	17.2	13.4	0.541	0.285	0.2638	0.3888	0.1178	26
27	0.0748	1.10 B	14.2	18.5	17.3	17.2	12.3	0.502	0.255	0.2628	0.3978	0.0808	27
28	0.1068	1.77 B	14.2	19.1	17.3	17.3	12.0	0.466	0.235	0.3218	0.3858	0.0808	28
29	0.0768	1.85 B	14.8 B	18.7	18.5	17.8	12.0	0.458	0.218	0.3628	0.2888	0.0808	29
30	0.0708		15.5 B	18.4	18.2	17.5	12.4	0.398	0.195	0.320	0.2808	0.1358	30
31	0.0868		14.2		18.7		13.0	0.338		0.338		0.2308	31
TOTAL	2.438	8.998	214.98	582.0	583.8	584.7	475.4	130.478	7.331	8.698	10.038	8.488	TOTAL
MEAN	0.079	0.344	6.93	19.4	18.8	18.8	15.3	4.21	0.244	0.223	0.335	0.288	MEAN
MAX	0.108	1.77	17.2	26.4	21.3	20.4	17.2	13.1	0.324	0.362	0.530	0.290	MAX
MIN	0.060	0.057	1.38	12.3	14.3	17.2	12.0	0.338	0.144	0.167	0.225	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.09
MAXIMUM DAILY, 26.4 ON APR 9
MINIMUM DAILY, 0.0608 ON JAN 13
MAXIMUM INSTANTANEOUS,
27.7 AT 01:00 MST ON APR 9

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 37 N
LONG 112 04 44 W
DRAINAGE AREA, 3 730 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1919

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	211	JUL	41 100
FEB	881	AUG	11 300
MAR	18 800	SEP	833
APR	50 300	OCT	686
MAY	58 400	NOV	867
JUN	48 800	DEC	859

TOTAL DISCHARGE, 224 000 dam³

MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 11AA025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.7628	1.61	2.66	0.852	0.076	0	0	0	0	---	1
2	---	---	0.9028	1.82	2.62	1.70	0.171	0	0	0	0A	---	2
3	---	---	0.8808	2.31	2.37	1.63	0.131	0	0	0	---	---	3
4	---	---	1.10 B	3.25	2.18	1.44	0.085	0	0	0	---	---	4
5	---	---	1.25 B	3.46	2.04	1.14	0.113	0	0	0	---	---	5
6	---	---	1.20 B	2.59	2.30	0.952	0.188	0	0	0	---	---	6
7	---	---	1.11 B	2.82	3.33	0.908	0.100	0	0	0	---	---	7
8	---	---	1.07 B	7.73	4.63	0.835	0.084	0	0	0	---	---	8
9	---	---	1.01 B	6.46	4.73	0.821	0.376	0	0	0	---	---	9
10	---	---	0.7708	3.72	3.63	1.01	0.262	0	0	0	---	---	10
11	---	---	0.8888	3.07	2.87	1.09	0.258	0	0	0	---	---	11
12	---	---	0.8878	2.76	2.61	0.813	0.184	0	0	0	---	---	12
13	---	---	0.8808	3.33	2.30	0.784	0.108	0	0	0	---	---	13
14	---	---	0.8408	3.78	2.13	0.716	0.074	0	0	0	---	---	14
15	---	---	0.7448	3.60	1.99	0.827	0.047	0	0	0	---	---	15
16	---	---	0.7048	3.86	1.87	0.835	0.035	0	0	0	---	---	16
17	---	---	0.8888	3.82	1.71	0.802	0.033	0	0	0	---	---	17
18	---	---	1.03 B	4.16	1.80	0.474	0.021	0	0	0	---	---	18
19	---	---	1.24 B	4.16	1.52	0.278	0.010	0	0	0	---	---	19
20	---	---	1.25 B	4.43	1.45	0.200	0.002	0	0	0	---	---	20
21	---	---	1.30 B	3.88	1.37	0.168	0.001	0	0	0	---	---	21
22	---	---	1.40 B	3.84	1.28	0.133	0	0	0	0	---	---	22
23	---	---	1.25 B	3.32	1.20	0.085	0	0	0	0	---	---	23
24	---	0.3338	0.8888	3.13	1.11	0.044	0	0	0	0	---	---	24
25	---	0.2888	0.8448	3.10	1.05	0.018	0	0	0	0	---	---	25
26	---	0.3888	0.8088	3.20	0.987	0.010	0	0	0	0	---	---	26
27	---	0.8468	0.8488	3.20	0.971	0.005	0	0	0	0	---	---	27
28	---	0.6308	0.5188	3.08	0.992	0.007	0	0	0	0	---	---	28
29	---	0.8848	1.67 B	3.02	0.848	0.028	0	0	0	0	---	---	29
30	---		2.50 B	2.84	0.888	0.082	0	0	0	0	---	---	30
31	---		2.24 B		0.988		0			0		---	31
TOTAL	---	---	32.034	103.82	82.206	18.702	3.480	0	0	0	---	---	TOTAL
MEAN	---	---	1.03	3.46	2.01	0.623	0.050	0	0	0	---	---	MEAN
MAX	---	---	2.50	7.73	4.73	1.70	0.376	0	0	0	---	---	MAX
MIN	---	---	0.508	1.61	0.888	0.005	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.885
MAXIMUM DAILY, 7.73 ON APR 8
MINIMUM DAILY, 0 ON JUL 22
MAXIMUM INSTANTANEOUS,
5.08 AT 13:19 MST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 27 N
LONG 112 32 42 W
DRAINAGE AREA, 1 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	214
FEB	---	AUG	0
MAR	2 770	SEP	0
APR	8 880	OCT	0
MAY	5 370	NOV	---
JUN	1 620	DEC	---

TOTAL DISCHARGE, 19 000 dam³

MILK RIVER RIDGE RESERVOIR - STATION NO. 05AF030

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1020.887	1020.851	1018.775	1020.108	1021.488	1020.877	1021.280	1018.408	1018.118	---	1
2	---	---	1020.872	1020.836	1018.882	1020.124	1021.510	1020.717	1021.274	1018.268	1018.107A	---	2
3	---	---	1020.875	1020.855	1018.838	1020.168	1021.544	1020.788	1021.208	1018.128	---	---	3
4	---	---	1020.874	1020.722	1018.823	1020.188	1021.577	1020.830	1021.128	1018.088	---	---	4
5	---	---	1020.875	1020.801	1018.101	1020.220	1021.608	1020.888	1021.041	1018.818	---	---	5
6	---	---	1020.873	1020.885	1018.184	1020.247	1021.805	1020.844	1020.940	1018.858	---	---	6
7	---	---	1020.872	1020.322	1018.241	1020.288	1021.806	1020.808	1020.828	1018.481	---	---	7
8	---	---	1020.878	1020.092	1018.312	1020.350	1021.811	1020.788	1020.740	1018.328	---	---	8
9	---	---	1020.877	1019.841	1018.388	1020.488	1021.814	1020.734	1020.887	1018.177	---	---	9
10	---	---	1020.872	1018.884	1018.418	1020.881	1021.808	1020.884	1020.867	1018.141	---	---	10
11	---	---	1020.875	1018.288	1018.487	1020.885	1021.870	1020.888	1020.823	1018.128	---	---	11
12	---	---	1020.871	1018.838	1018.515	1020.788	1021.811	1020.822	1020.800	1018.144	---	---	12
13	---	---	1020.878	1018.613	1018.553	1020.810	1021.848	1020.880	1020.878	1018.147	---	---	13
14	---	---	1020.873	1018.287	1018.880	1021.024	1021.884	1020.833	1020.838	1018.148	---	---	14
15	---	---	1020.877	1017.848	1018.880	1021.128	1021.848	1020.480	1020.803	1018.141	---	---	15
16	---	---	1020.885	1017.574	1018.727	1021.217	1021.881	1020.434	1020.484	1018.143	---	---	16
17	---	---	1020.886	1017.188	1018.788	1021.288	1021.284	1020.427	1020.414	1018.147	---	---	17
18	---	---	1020.893	1018.782	1018.808	1021.344	1021.210	1020.478	1020.382	1018.180	---	---	18
19	---	---	1020.896	1018.425	1018.871	1021.380	1021.173	1020.838	1020.389	1018.144	---	---	19
20	---	---	1020.896	1018.429	1018.928	1021.418	1021.138	1020.885	1020.321	1018.142	---	---	20
21	---	---	1020.893	1018.846	1018.978	1021.427	1021.081	1020.870	1020.288	1018.147	---	---	21
22	---	---	1020.888	1018.857	1020.008	1021.418	1021.000	1020.737	1020.284	1018.128	---	---	22
23	---	---	1020.881	1017.255	1020.012	1021.388	1020.918	1020.801	1020.217	1018.134	---	---	23
24	---	---	1020.871	1017.527	1020.008	1021.367	1020.848	1020.884	1020.182	1018.131	---	---	24
25	---	1020.868A	1020.868	1017.771	1020.018	1021.384	1020.770	1020.833	1020.088	1018.132	---	---	25
26	---	1020.870	1020.871	1018.012	1020.028	1021.333	1020.882	1020.878	1018.882	1018.124	---	---	26
27	---	1020.873	1020.852	1018.234	1020.034	1021.317	1020.825	1021.028	1018.878	1018.118	---	---	27
28	---	1020.870	1020.848	1018.404	1020.040	1021.288	1020.818	1021.100	1018.788	1018.112	---	---	28
29	---	1020.875	1020.848	1018.558	1020.043	1021.325	1020.838	1021.181	1018.883	1018.114	---	---	29
30	---		1020.848	1018.673	1020.050	1021.402	1020.847	1021.200	1018.538	1018.118	---	---	30
31	---		1020.849		1020.088		1020.885	1021.242		1018.117		---	31
MEAN	---	---	1020.873	1018.881	1018.825	1020.818	1021.212	1020.787	1020.478	1018.228	---	---	MEAN
MAX	---	---	1020.896	1020.851	1020.088	1021.427	1021.814	1021.242	1021.280	1018.408	---	---	MAX
MIN	---	---	1020.848	1018.425	1018.775	1020.108	1020.818	1020.427	1018.538	1018.113	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1021.814 ON JUL 8

MAXIMUM INSTANTANEOUS,
1021.833 AT 14:40 MST ON JUL 8

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 0.741 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 00 N
LONG 112 35 39 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
180 km²

MINERS COULEE NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.010	0.001	0	0	0.001	0.001	0.001	0.001A	---	1
2	---	---	0.0018	0.012	0.001	0	0.001	0.001	0.001	0.001	---	---	2
3	---	---	0.0018	0.014	0.001	0	0.001	0.001	0.001	0.001	---	---	3
4	---	---	0.0018	0.013	0.001	0	0	0.001	0.001	0.001	---	---	4
5	---	---	0.0028	0.010	0.001	0	0	0.001	0.001	0.001	---	---	5
6	---	---	0.0058	0.007	0.001	0	0	0.001	0.001	0.001	---	---	6
7	---	---	0.0028	0.005	0.001	0	0	0.001	0.001	0.001	---	---	7
8	---	---	0.002	0.001	0.001	0	0	0.001	0.001	0.001	---	---	8
9	---	---	0.002	0	0.001	0	0	0.001	0.001	0.001	---	---	9
10	---	---	0.001	0	0.001	0	0	0.001	0.001	0.001	---	---	10
11	---	---	0.002	0	0.001	0	0	0.001	0.001	0.001	---	---	11
12	---	---	0.001	0.001	0.001	0	0	0.001	0.001	0.001	---	---	12
13	---	---	0.002	0.004	0.001	0	0	0.001	0.001	0.001	---	---	13
14	---	---	0.001	0.003	0.001	0	0	0.001	0.001	0.001	---	---	14
15	---	---	0.001	0.002	0.001	0	0	0.001	0.001	0.001	---	---	15
16	---	---	0.001	0.002	0.001	0	0	0.001	0.001	0.001	---	---	16
17	---	---	0.001	0.001	0.001	0	0	0.001	0.001	0.001	---	---	17
18	---	---	0.002	0.001	0.001	0	0	0.001	0.001	0.001	---	---	18
19	---	---	0.002	0.001	0	0	0	0.001	0.001	0.001	---	---	19
20	---	---	0.001	0.001	0	0	0	0.001	0.001	0.001	---	---	20
21	---	---	0.001	0.001	0	0	0	0.001	0.001	0.001	---	---	21
22	---	---	0.001	0.001	0	0	0	0.001	0.001	0.001	---	---	22
23	---	0.0018	0.001	0.001	0	0	0	0.001	0.001	0.001	---	---	23
24	---	0.0148	0.001	0.001	0	0	0	0.001	0.001	0.001	---	---	24
25	---	0.0068	0.001	0.001	0	0	0	0.001	0.001	0.001	---	---	25
26	---	0.0018	0.001	0.001	0	0	0	0.001	0.001	0.001	---	---	26
27	---	0.0018	0.002	0.001	0	0	0	0.001	0.001	0.001	---	---	27
28	---	0.0028	0.001	0.001	0	0	0	0.001	0.001	0.001	---	---	28
29	---	0.0018	0.001	0.001	0	0	0.001	0.001	0.001	0.001	---	---	29
30	---		0.002	0.001	0	0	0.001	0.001	0.001	0.001	---	---	30
31	---		0.004		0		0.001	0.001		0.001		---	31
TOTAL	---	---	0.049	0.056	0.018	0	0.005	0.031	0.030	0.031	---	---	TOTAL
MEAN	---	---	0.002	0.003	0.001	0	0	0.001	0.001	0.001	---	---	MEAN
MAX	---	---	0.005	0.014	0.001	0	0.001	0.001	0.001	0.001	---	---	MAX
MIN	---	---	0.001	0	0	0	0	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.014 ON APR 3
MINIMUM DAILY, 0 ON APR 9
MAXIMUM INSTANTANEOUS,
0.015 AT 12:03 MST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 05 N
LONG 111 24 10 W
DRAINAGE AREA, 109 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.43
FEB	---	AUG	2.68
MAR	4.33	SEP	2.59
APR	5.47	OCT	2.68
MAY	1.56	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 22.8 dam³

REMARKS - HIGHER FLOWS ARE KNOWN TO HAVE OCCURRED OUTSIDE STANDARD PERIOD

MINISTIK LAKE NEAR NEW SAREPTA - STATION NO. 05BB013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	756.842	756.846	756.885	756.887	756.842	756.805	---	1
2	---	---	---	---	---	756.836	756.842	756.871	756.888	756.836	756.803A	---	2
3	---	---	---	---	---	756.833	756.842	756.887	756.861	756.833	---	---	3
4	---	---	---	---	---	756.831	756.837	756.885	756.884	756.818	---	---	4
5	---	---	---	---	---	756.848	756.842	756.884	756.848	756.832	---	---	5
6	---	---	---	756.803A	---	756.848	756.888	756.875	756.851	756.821	---	---	6
7	---	---	---	---	---	756.843	756.808	756.881	756.851	756.832	---	---	7
8	---	---	---	---	---	756.845	756.905	756.878	756.848	756.823	---	---	8
9	---	---	---	---	756.817A	756.888	756.900	756.878	756.842	756.821	---	---	9
10	---	---	---	---	756.817	756.887	756.890	756.880	756.850	756.820	---	---	10
11	---	---	---	---	756.812	756.881	756.878	756.878	756.847	756.817	---	---	11
12	---	---	---	---	756.901	756.889	756.904	756.871	756.849	756.818	---	---	12
13	---	---	---	---	756.892	756.887	756.925	756.888	756.848	756.818	---	---	13
14	---	---	---	---	756.908	756.885	756.934	756.889	756.844	756.818	---	---	14
15	---	---	---	---	756.890	756.874	756.941	756.872	756.845	756.817	---	---	15
16	---	---	---	---	756.880	756.880	756.928	756.885	756.852	756.818	---	---	16
17	---	---	---	---	756.884	756.878	756.932	756.885	756.853	756.818	---	---	17
18	---	---	---	---	756.878	756.871	756.926	756.887	756.847	756.812	---	---	18
19	---	---	---	---	756.878	756.884	756.923	756.870	756.842	756.810	---	---	19
20	---	---	---	---	756.873	756.889	756.917	756.877	756.843	756.814	---	---	20
21	---	---	---	---	756.888	756.852	756.918	756.903	756.851	756.805	---	---	21
22	---	---	756.843A	---	756.880	756.848	756.918	756.903	756.850	756.827	---	---	22
23	---	---	---	---	756.858	756.847	756.902	756.885	756.848	756.804	---	---	23
24	---	---	---	---	756.853	756.888	756.888	756.890	756.843	756.808	---	---	24
25	---	756.822A	---	---	756.848	756.848	756.895	756.887	756.840	756.801	---	---	25
26	---	---	---	---	756.848	756.845	756.890	756.889	756.838	756.811	---	---	26
27	---	---	---	756.845A	756.842	756.847	756.888	756.881	756.838	756.841	---	---	27
28	---	---	---	---	756.840	756.848	756.881	756.875	756.838	756.840	---	---	28
29	---	---	---	---	756.838	756.850	756.875	756.872	756.842	756.834	---	---	29
30	---		---	---	756.853	756.850	756.875	756.872	756.847	756.820	---	---	30
31	---		---		756.850		756.884	756.888		756.808		---	31
MEAN	---	---	---	---	---	756.859	756.894	756.878	756.848	756.818	---	---	MEAN
MAX	---	---	---	---	---	756.901	756.941	756.903	756.887	756.842	---	---	MAX
MIN	---	---	---	---	---	756.831	756.837	756.885	756.838	756.801	---	---	MIN

SUMMARY FOR THE YEAR 1988

A - MANUAL GAUGE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 47 N
LONG 113 03 20 W

DRAINAGE AREA,
80.3 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MIQUELON LAKE AT PROVINCIAL PARK - STATION NO. 05EB014

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	782.485	782.525	782.500E	782.531	782.505	782.440E	---	1
2	---	---	---	---	---	782.485E	782.524E	782.503E	782.535	782.507E	782.438E	---	2
3	---	---	---	---	---	782.483E	782.522	782.506	782.538E	782.506	782.436	---	3
4	---	---	---	---	782.574	782.482	782.520	782.508	782.533E	782.506	---	---	4
5	---	---	---	---	782.578E	782.531E	782.531E	782.506	782.529E	782.505E	---	---	5
6	---	---	---	782.804	782.584	782.570	782.542	782.511	782.535E	782.503E	---	---	6
7	---	---	---	---	782.584	782.540E	782.551E	782.511	782.523E	782.504	---	---	7
8	---	---	---	---	782.584	782.509	782.559	782.511E	782.520	782.503E	---	---	8
9	---	---	---	---	782.582	782.544E	782.557E	782.511	782.520	782.502	---	---	9
10	---	---	---	---	782.583E	782.576	782.555	782.510E	782.520	782.498E	---	---	10
11	---	---	---	---	782.584	782.572	782.555E	782.508E	782.500	782.493E	---	---	11
12	---	---	---	---	782.584E	782.584	782.535	782.508E	782.500E	782.488E	---	---	12
13	---	---	---	---	782.584E	782.564	782.531E	782.507	782.500	782.484E	---	---	13
14	---	---	---	---	782.584	782.583E	782.527E	782.505	782.500E	782.480	---	---	14
15	---	---	---	---	782.583E	782.582	782.523E	782.503E	782.501E	782.480	---	---	15
16	---	---	---	---	782.583E	782.559E	782.519	782.570E	782.501E	782.470	---	---	16
17	---	---	---	---	782.582	782.555E	782.519	782.557E	782.502	782.467E	---	---	17
18	---	---	---	---	782.582E	782.552	782.516E	782.545	782.502	782.465E	---	---	18
19	---	---	---	---	782.582	782.542	782.516E	782.549	782.503E	782.462E	---	---	19
20	---	---	---	---	782.579	782.536E	782.515	782.503E	782.504E	782.460	---	---	20
21	---	---	---	---	782.578E	782.534E	782.515E	782.577	782.505E	782.458E	---	---	21
22	---	---	782.553	---	782.579	782.530	782.515	782.571	782.506	782.456	---	---	22
23	---	---	---	---	782.578E	782.530E	782.515	782.571	782.506	782.456E	---	---	23
24	---	---	---	---	782.580E	782.530	782.515	782.563E	782.509E	782.456	---	---	24
25	---	782.553	---	---	782.580E	782.530	782.515	782.555E	782.511E	782.454E	---	---	25
26	---	---	---	---	782.580	782.530	782.515	782.548E	782.514	782.452E	---	---	26
27	---	---	---	782.804	782.580	782.530E	782.500E	782.540	782.489E	782.450E	---	---	27
28	---	---	---	---	782.580E	782.530E	782.505	782.540E	782.484	782.446E	---	---	28
29	---	---	---	---	782.580	782.530	782.501	782.540E	782.487E	782.446E	---	---	29
30	---		---	---	782.582E	782.528E	782.504E	782.540	782.510	782.444E	---	---	30
31	---		---		782.488		782.507E	782.536E		782.442E		---	31
MEAN	---	---	---	---	---	782.536	782.550	782.578	782.511	782.476	---	---	MEAN
MAX	---	---	---	---	---	782.574	782.535	782.511	782.529	782.506	---	---	MAX
MIN	---	---	---	---	---	782.482	782.520	782.536	782.484	782.442	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 14 47 N
LONG 112 54 24 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 36.3 km²

MISTAYA RIVER NEAR SASKATCHEWAN CROSSING - STATION NO. 05DA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4608	0.4388	0.6018	0.3628	2.91	7.48	17.0	17.5	12.6	5.31	2.57	1.18 B	1
2	0.4788	0.4098	0.5308	0.3888	2.43	7.20	16.2	16.3	12.8	5.82	3.01	1.06 B	2
3	0.4778	0.4118	0.5768	0.4708	2.27	6.88	16.3	13.6	14.0	5.46	2.93	1.06 B	3
4	0.4808	0.4188	0.7188	0.5388	2.14	7.21	16.1	13.7	15.5	5.22	2.71	0.9788	4
5	0.3008	0.4628	0.7308	0.4728	2.08	8.33	14.4	16.1	16.3	5.13	2.53	0.9478	5
6	0.4808	0.4688	0.7088	0.5258	2.04	13.4	17.8	17.5	17.2	5.07	2.67	0.8788	6
7	0.4868	0.4898	0.6508	0.5768	2.08	25.8	18.2	16.8	16.8	5.03	2.50	0.7618	7
8	0.4618	0.5068	0.5508	0.6288	2.13	37.3	14.6	13.7	12.8	4.94	2.488	0.8178	8
9	0.3848	0.4738	0.4858	0.8458	2.44	28.3	14.8	14.8	10.3	4.81	2.218	0.8548	9
10	0.4278	0.4618	0.4068	0.8408	2.87	22.4	15.0	16.9	8.80	4.70	2.108	0.8808	10
11	0.4178	0.4488	0.4328	0.8208	3.45	19.3	16.7	17.4	7.75	4.82	1.888	0.8738	11
12	0.3938	0.4488	0.5168	0.8038	4.84	15.9	16.7	16.5	8.85	4.70	1.788	0.8428	12
13	0.3808	0.4858	0.4888	0.8638	6.67	13.6	17.2	15.1	8.26	4.73	1.718	0.8008	13
14	0.4408	0.5038	0.4068	0.8658	8.08	12.8	14.9	15.6	8.45	4.69	2.018	0.7618	14
15	0.4908	0.5308	0.3488	0.8858	7.18	14.2	13.3	15.6	7.51	5.18	1.988	0.7988	15
16	0.5408	0.5028	0.3108	1.52 B	6.40	17.2	11.8	15.3	8.43	5.07	1.838	0.7588	16
17	0.5528	0.4858	0.3028	1.78 B	7.11	22.4	10.5	15.8	7.83	4.70	1.588	0.7308	17
18	0.5318	0.4428	0.3208	1.85	8.80	24.0	9.86	15.4	8.80	4.20	1.558	0.7008	18
19	0.4888	0.5178	0.3388	2.63	8.92	22.6	9.88	14.8	8.05	3.83	1.488	0.6828	19
20	0.5088	0.4368	0.3748	3.81	8.34	21.3	10.7	13.0	8.47	3.59	1.418	0.8248	20
21	0.5228	0.4578	0.5008	4.27	8.01	19.6	13.2	11.7	4.88	3.46	1.348	0.8618	21
22	0.5308	0.3828	0.6038	3.80	8.26	20.0	15.8	11.0	4.57	3.64	1.308	0.8788	22
23	0.5228	0.3208	0.5788	3.58	7.88	23.3	15.8	11.2	4.32	3.41	1.278	0.8488	23
24	0.5038	0.3308	0.5308	3.80	8.63	24.3	14.5	13.3	4.28	3.21	1.428	0.8158	24
25	0.4888	0.3218	0.4638	3.13	9.17	21.8	15.7	14.8	4.14	3.03	1.418	0.8128	25
26	0.4528	0.3468	0.3888	2.84	8.78	21.5	17.7	18.6	3.88	2.95	1.328	0.7088	26
27	0.4528	0.4568	0.3188	2.88	8.74	24.3	19.2	18.2	3.82	2.71	1.478	0.7328	27
28	0.5008	0.5468	0.3068	2.68	8.38	26.4	18.8	18.0	3.88	2.84	1.388	0.7288	28
29	0.5868	0.5108	0.3038	2.78	8.38	24.6	17.0	18.8	3.87	2.48	1.248	0.7148	29
30	0.5878		0.3188	2.80	8.43	21.1	17.8	18.7	4.38	2.34	1.178	0.7058	30
31	0.5388		0.3278		7.84		17.8	13.8		2.28		0.8888	31
TOTAL	14.724	13.014	14.588	82.184	172.02	575.98	472.23	467.8	248.37	128.88	58.22	23.888	TOTAL
MEAN	0.475	0.448	0.471	1.74	5.55	19.2	15.2	15.1	8.28	4.16	1.87	0.774	MEAN
MAX	0.587	0.810	0.730	4.27	9.53	37.3	19.2	18.8	17.2	5.82	3.01	1.18	MAX
MIN	0.300	0.320	0.302	0.352	2.04	6.88	9.88	11.0	3.87	2.28	1.17	0.612	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.12
MAXIMUM DAILY, 37.3 ON JUN 8
MINIMUM DAILY, 0.3008 ON JAN 5
MAXIMUM INSTANTANEOUS,
40.2 AT 08:51 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 04 N
LONG 116 41 17 W
DRAINAGE AREA, 249 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 270	JUL	40 800
FEB	1 120	AUG	40 400
MAR	1 260	SEP	21 500
APR	4 510	OCT	11 100
MAY	14 800	NOV	4 880
JUN	49 800	DEC	2 070

TOTAL DISCHARGE, 194 000 dam³

MITCHELL RESERVOIR NEAR ELKWATER - STATION NO. 11AB005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	33.909	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	33.095	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	33.413	---	---	---	---	4
5	---	---	---	---	---	---	33.861	---	---	---	---	---	5
6	---	---	---	34.031	34.087	---	---	---	---	33.156	---	---	6
7	---	---	33.897	34.041E	34.075E	33.884	33.825E	33.400E	33.243	33.153E	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	33.876	---	---	---	---	---	14
15	---	---	---	34.133	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	33.859	---	33.383	33.234	---	---	---	16
17	---	---	33.731	34.131E	34.009	33.844E	33.852E	33.368E	33.216E	33.126	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	33.206	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	33.885	---	---	---	---	---	---	---	---	---	---	24
25	---	33.868E	---	34.124	---	---	33.491	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	34.117E	---	33.870	---	---	33.182E	---	---	---	27
28	---	---	33.842E	---	33.838E	---	33.467E	33.303E	---	33.106E	---	---	28
29	---	33.870E	---	---	---	---	---	---	---	---	---	---	29
30	---		---	34.108E	---	33.884E	---	33.293	33.173E	---	---	---	30
31	---		33.871		33.817E		33.448E	33.288E		33.100E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 34.133 ON APR 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 36 28 N
LONG 110 05 24 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 80.3 km²

MONITOR CREEK NEAR CONSORT - STATION NO. 05AA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	0A	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0A		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 26 N
LONG 110 45 37 W
DRAINAGE AREA, 910 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MONITOR CREEK NEAR MONITOR - STATION NO. 05EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.007	0	0	0	0	0	---	---	1
2	---	---	0	0	0.007	0	0	0	0	0	---	---	2
3	---	---	0	0	0.007	0	0	0	0	0	---	---	3
4	---	---	0	0.004	0.008	0	0	0	0	0	---	---	4
5	---	---	0	0.021	0.007	0	0	0	0	0	---	---	5
6	---	---	0	0.027	0.009	0	0	0	0	0	---	---	6
7	---	---	0	0.011	0.010	0	0	0	0	0	---	---	7
8	---	---	0	0.008	0.010	0	0	0	0	0	---	---	8
9	---	---	0	0.008	0.011	0	0	0	0	0	---	---	9
10	---	---	0	0.004	0.011	0	0	0	0	0	---	---	10
11	---	---	0	0.002	0.011	0	0	0	0	0	---	---	11
12	---	---	0	0.003	0.008	0	0	0	0	0	---	---	12
13	---	---	0	0.005	0.006	0	0	0	0	0	---	---	13
14	---	---	0	0.003	0.001	0	0	0	0	0	---	---	14
15	---	---	0	0.006	0	0	0	0	0	0	---	---	15
16	---	0A	0	0.010	0	0	0	0	0	0	---	---	16
17	---	0	0	0.008	0	0	0	0	0	0	---	---	17
18	---	0	0	0.006	0	0	0	0	0	0	---	---	18
19	---	0	0	0.007	0	0	0	0	0	0	---	---	19
20	---	0	0	0.005	0	0	0	0	0	0	---	---	20
21	---	0	0	0.003	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0.001	0	0	0	0	0	0	---	---	26
27	---	0	0	0.005	0	0	0	0	0	0	---	---	27
28	---	0	0	0.008	0	0	0	0	0	0	---	---	28
29	---	0	0	0.010	0	0	0	0	0	0	---	---	29
30	---		0	0.008	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0A		---	31
TOTAL	---	---	0	0.178	0.112	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.006	0.004	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.027	0.011	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.027 ON APR 6
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.029 AT 23:25 MST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 10 N
LONG 110 34 30 W
DRAINAGE AREA, 1 440 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	15.2	OCT	0
MAY	9.88	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 24.9 dam³

MONTAGNEUSE RIVER NEAR HINES CREEK - STATION NO. 07FD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0808	0.758	2.73	12.5	0.289	0.170	0.074	0.0188	---	1
2	---	---	0 B	0.1788	0.848	2.28	10.9	0.253	0.172	0.068	---	---	2
3	---	---	0 B	0.2938	0.853	2.06	13.4	0.238	0.168	0.061	---	---	3
4	---	---	0 B	0.4108	0.796	1.76	15.2	0.231	0.158	0.058	---	---	4
5	---	---	0 B	0.4938	0.744	1.55	13.5	0.204	0.159	0.048	---	---	5
6	---	---	0 B	0.4428	0.887	1.61	9.88	0.203	0.148	0.045	---	---	6
7	---	---	0 B	0.4568	0.821	2.88	7.23	0.178	0.140	0.041	---	---	7
8	---	---	0.0018	0.5678	0.552	3.93	8.21	0.174	0.124	0.040	---	---	8
9	---	---	0.0018	0.5588	0.506	4.80	4.85	0.162	0.114	0.039	---	---	9
10	---	---	0.0018	0.6908	0.481	5.78	3.35	0.172	0.103	0.042	---	---	10
11	---	---	0.0018	1.36 B	0.481	5.46	2.82	0.181	0.097	0.036	---	---	11
12	---	---	0.0018	2.05 B	0.418	4.44	8.15	0.162	0.090	0.037	---	---	12
13	---	---	0.0028	1.98 B	0.388	3.42	18.3	0.188	0.088	0.041	---	---	13
14	---	---	0.0028	1.54 B	0.709	2.88 A	18.0	0.188	0.088	0.041	---	---	14
15	---	---	0.0028	1.50	2.23	1.96 E	11.0	0.178	0.082	0.037	---	---	15
16	---	---	0.0028	1.28	5.08 A	1.50 E	8.68	0.158	0.088	0.037	---	---	16
17	---	---	0.0028	1.08	5.65 A	1.10 E	4.84	0.187	0.078	0.036	---	---	17
18	---	---	0.0028	0.918	4.88 A	0.820E	3.34	0.206	0.080	0.035	---	---	18
19	---	---	0.0038	0.848	4.01	0.830E	2.72	0.233	0.078	0.041	---	---	19
20	---	---	0.0048	0.848	3.19	0.550E	2.15	0.273	0.073	0.0388	---	---	20
21	---	---	0.0048	0.788	2.62	0.504A	1.83	0.283	0.088	0.0388	---	---	21
22	---	---	0.0058	0.748	1.88	0.412	1.27	0.278	0.070	0.0388	---	---	22
23	---	---	0.0058	0.788	1.54	0.388	1.01	0.254	0.088	0.0388	---	---	23
24	---	---	0.0058	0.767	1.58	0.344	0.825	0.230	0.105	0.0338	---	---	24
25	---	---	0.0058	0.701	1.72	0.299	0.713	0.222	0.087	0.0308	---	---	25
26	---	---	0.0058	0.628	1.61	0.271	0.625	0.211	0.070	0.0288	---	---	26
27	---	---	0.0048	0.852	1.40	0.270	0.524	0.201	0.067	0.0288	---	---	27
28	---	---	0.0038	0.875	1.28	0.279	0.448	0.200	0.066	0.0248	---	---	28
29	---	---	0.0048	0.588	2.09	0.842	0.388	0.187	0.072	0.0228	---	---	29
30	---		0.0108	0.588	3.30	5.83	0.338	0.208	0.078	0.0208	---	---	30
31	---		0.0188		3.26		0.300	0.185		0.0208		---	31
TOTAL	---	---	0.082	24.835	57.348	81.588	184.085	6.408	3.082	1.188	---	---	TOTAL
MEAN	---	---	0.003	0.828	1.85	2.06	5.94	0.207	0.103	0.038	---	---	MEAN
MAX	---	---	0.018	2.05	5.65	5.83	18.0	0.283	0.172	0.074	---	---	MAX
MIN	---	---	0	0.080	0.388	0.270	0.300	0.152	0.066	0.020	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 18.0 ON JUL 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
18.9 AT 03:30 MST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 23 00 N
LONG 118 42 40 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15 900
FEB	---	AUG	553
MAR	7.88	SEP	286
APR	2 150	OCT	104
MAY	4 850	NOV	---
JUN	5 330	DEC	---

TOTAL DISCHARGE, 29 300 dam³

MOORE LAKE NEAR COLD LAKE - STATION NO. 05AC003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	549.377E	549.411	549.453	549.454	549.484	549.418	549.421	549.381	549.326	---	1
2	---	---	549.377E	549.413	549.451	549.449	549.482	549.412	549.422	549.381	549.322	---	2
3	---	---	549.378E	549.418	549.452	549.446	549.485	549.408	549.423	549.358	549.327A	---	3
4	---	---	549.378E	549.422	549.447	549.446	549.482	549.407	549.420	549.356	---	---	4
5	---	---	549.378E	549.419	549.447	549.453	549.480	549.404	549.418	549.355	---	---	5
6	---	---	549.378E	549.421	549.448	549.459	549.481	549.407	549.413	549.358	---	---	6
7	---	---	549.380E	549.423	549.448	549.467	549.471	549.403	549.411	549.354	---	---	7
8	---	---	549.380E	549.417	549.447	549.458	549.485	549.401	549.407	549.353	---	---	8
9	---	---	549.381E	549.415	549.443	549.480	549.489	549.398	549.402	549.352	---	---	9
10	---	---	549.381A	549.417	549.448	549.458	549.484	549.398	549.401	549.351	---	---	10
11	---	---	549.382	549.413	549.445	549.455	549.481	549.398	549.397	549.351	---	---	11
12	---	---	549.384	549.414	549.445	549.450	549.481	549.396	549.394	549.354	---	---	12
13	---	---	549.385	549.414	549.445	549.451	549.482	549.396	549.392	549.351	---	---	13
14	---	---	549.387	549.415	549.445	549.451	549.484	549.392	549.392	549.351	---	---	14
15	---	---	549.389	549.418	549.451	549.451	549.487	549.390	549.392	549.348	---	---	15
16	---	---	549.387	549.417	549.455	549.449	549.486	549.390	549.388	549.352	---	---	16
17	---	---	549.389	549.421	549.455	549.449	549.486	549.383	549.385	549.355	---	---	17
18	---	---	549.391	549.426	549.451	549.451	549.451	549.384	549.383	549.353	---	---	18
19	---	---	549.396	549.427	549.452	549.448	549.448	549.391	549.381	549.352	---	---	19
20	---	---	549.392	549.426	549.447	549.450	549.447	549.412	549.377	549.348	---	---	20
21	---	---	549.389	549.430	549.449	549.446	549.447	549.433	549.374	549.344	---	---	21
22	---	---	549.392	549.429	549.446	549.447	549.446	549.450	549.372	549.329	---	---	22
23	---	---	549.390	549.430	549.442	549.444	549.437	549.446	549.372	549.340	---	---	23
24	---	---	549.393	549.427	549.440	549.444	549.432	549.442	549.386	549.339	---	---	24
25	---	---	549.392	549.429	549.437	549.448	549.431	549.439	549.383	549.339	---	---	25
26	---	---	549.395	549.430	549.432	549.442	549.428	549.436	549.384	549.340	---	---	26
27	---	---	549.397	549.429	549.433	549.444	549.428	549.431	549.387	549.329	---	---	27
28	---	---	549.406	549.431	549.440	549.443	549.424	549.430	549.389	549.327	---	---	28
29	---	---	549.410	549.432	549.436	549.484	549.430	549.430	549.388	549.328	---	---	29
30	---		549.410	549.446	549.448	549.490	549.421	549.432	549.385	549.327	---	---	30
31	---		549.412		549.454		549.417	549.424		549.327		---	31
MEAN	---	---	549.389	549.423	549.446	549.453	549.462	549.412	549.390	549.347	---	---	MEAN
MAX	---	---	549.412	549.446	549.455	549.490	549.485	549.450	549.423	549.381	---	---	MAX
MIN	---	---	549.377	549.411	549.432	549.442	549.417	549.383	549.383	549.326	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 549.490 ON JUN 30

MAXIMUM INSTANTANEOUS,
549.501 AT 02:45 MST ON JUN 30

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 30 00 N
LONG 110 34 00 W

A - MANUAL GAUGE
E - ESTIMATED

DRAINAGE AREA,
42.2 km²

MOOSEHILLS CREEK NEAR ELK POINT - STATION NO. 05ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0.0078	0.020	0.018	0.052	0	0.030	0.002	0.0038	---	1
2	---	---	0	B	0.0088	0.007	0.017	0.058	0	0.031	0.002	---	---	2
3	---	---	0	B	0.0138	0.006	0.032	0.057	0	0.031	0.002	---	---	3
4	---	---	0	B	0.0248	0.004	0.031	0.058	0	0.033	0.002	---	---	4
5	---	---	0	B	0.0288	0.001	0.033	0.093	0	0.012	0.002	---	---	5
6	---	---	0	B	0.018	0.002	0.042	0.104	0.008	0.002	0.002	---	---	6
7	---	---	0	B	0.015	0.008	0.036	0.088	0.013	0.002	0.002	---	---	7
8	---	---	0	B	0.018	0.008A	0.053	0.078	0.023	0.002	0.002	---	---	8
9	---	---	0	B	0.022	0.013A	0.077	0.078	0.024	0.002	0.002	---	---	9
10	---	---	0	B	0.012	0.018	0.088	0.088	0.018	0.002	0.002	---	---	10
11	---	---	0	B	0.008	0.012	0.103	0.048	0.014	0.002	0.002	---	---	11
12	---	---	0	B	0.007	0.017	0.089	0.043	0.012	0.003	0.003	---	---	12
13	---	---	0	B	0.008	0.018	0.100	0.009	0.010	0.002	0.002	---	---	13
14	---	---	0	B	0.006	0.025	0.088	0.006	0.008	0.002	0.002	---	---	14
15	---	---	0	B	0.006	0.018	0.028	0.022	0.006	0.002	0.002	---	---	15
16	---	---	0	B	0.007	0.018	0.011	0.084	0.004	0.002	0.002	---	---	16
17	---	---	0	B	0.007	0.018	0	0.059	0.003	0.002	0.002	---	---	17
18	---	---	0	B	0.003	0.016	0	0.058	0.002	0.002	0.002	---	---	18
19	---	---	0	B	0.002	0.013A	0	0.047	0.002	0.002	0.002	---	---	19
20	---	---	0	B	0	0.012E	0	0.103	0.002	0.002	0.002	---	---	20
21	---	---	0.0018		0	0.010E	0	0.068	0.004	0.002	0.002	---	---	21
22	---	---	0.0048		0	0.009E	0	0.057	0.029	0.002	0.002	---	---	22
23	---	---	0.0038		0	0.007E	0	0.031	0.015	0.002	0.002	---	---	23
24	---	---	0.0118		0	0.006E	0	0.015	0.013	0.002	0.002	---	---	24
25	---	---	0.0188		0	0.003E	0	0.006	0.011	0.002	0.0028	---	---	25
26	---	---	0.0138		0	0.003E	0	0	0.007	0.002	0.0058	---	---	26
27	---	---	0.0208		0	0.002E	0	0	0.008	0.002	0.0088	---	---	27
28	---	---	0.0188		0	0.001E	0.008	0	0.012	0.002	0.0078	---	---	28
29	---	---	0.0108		0	0.001E	0.017	0	0.018	0.002	0.0088	---	---	29
30	---		0.0068		0.018	0.003E	0.049	0	0.022	0.002	0.0088	---	---	30
31	---		0.0048			0.006A		0	0.028		0.0048		---	31
TOTAL	---	---	0.105		0.238	0.304	0.535	1.451	0.311	0.177	0.086	---	---	TOTAL
MEAN	---	---	0.003		0.008	0.010	0.031	0.047	0.010	0.006	0.003	---	---	MEAN
MAX	---	---	0.020		0.020	0.025	0.103	0.104	0.029	0.031	0.008	---	---	MAX
MIN	---	---	0		0	0.001	0	0	0	0.002	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.104 ON JUL 6
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
0.273 AT 10:13 MST ON AUG 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 56 03 N
LONG 110 46 36 W
DRAINAGE AREA, 38.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	135
FEB	---	AUG	25.8
MAR	9.07	SEP	15.3
APR	20.4	OCT	7.43
MAY	26.3	NOV	---
JUN	60.8	DEC	---

TOTAL DISCHARGE, 312 dam³

MOOSELAKE RIVER NEAR FRANCHERE - STATION NO. 08AC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0	0	0	0	0	0	0B	---	1
2	---	---	0B	0B	0	0	0	0	0	0	0B	---	2
3	---	---	0B	0B	0	0	0	0	0	0	0B	---	3
4	---	---	0B	0B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0B	0	0	0	0	0	0	---	---	8
9	---	---	0B	0B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0B	0	0	0	0	0	0	---	---	12
13	---	---	0B	0B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0B	0	0	0	0	0	0	---	---	14
15	---	---	0B	0B	0	0	0	0	0	0	---	---	15
16	---	---	0B	0B	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0B	---	---	24
25	---	---	0B	0	0	0	0	0	0	0B	---	---	25
26	---	---	0B	0	0	0	0	0	0	0B	---	---	26
27	---	---	0B	0	0	0	0	0	0	0B	---	---	27
28	---	---	0B	0	0	0	0	0	0	0B	---	---	28
29	---	---	0B	0	0	0	0	0	0	0B	---	---	29
30	---		0B	0	0	0	0	0	0	0B	---	---	30
31	---		0B		0		0	0		0B		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 19 26 N
LONG 110 57 46 W
DRAINAGE AREA, 1 010 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MOSQUITO CREEK NEAR THE MOUTH - STATION NO. 08AC031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0088	0.041	0.842	1.01	1.20	0.898	0.680	0.387	0.047	---	1
2	---	---	0.0069	0.042	0.878	1.11	1.19	0.843	0.678	0.366	0.038A	---	2
3	---	---	0.0078	0.061	0.926	1.04	1.13	0.764	0.638	0.430	---	---	3
4	---	---	0.0068	0.057	0.989	1.06	1.15	0.863	0.638	0.467	---	---	4
5	---	---	0.0108	0.052	1.04	1.07	1.18	0.891	0.638	0.453	---	---	5
6	---	---	0.0188	0.048	1.02	1.18	1.18	0.878	0.645	0.467	---	---	6
7	---	---	0.0208	0.047	0.988	1.28	1.03	0.898	0.498	0.488	---	---	7
8	---	---	0.0288	0.042	0.906	1.26	0.940	0.854	0.476	0.459	---	---	8
9	---	---	0.0258	0.042	0.845	1.23	0.903	0.892	0.500	0.488	---	---	9
10	---	---	0.0248	0.034	0.794	1.18	1.01	0.922	0.506	0.487	---	---	10
11	---	---	0.0238	0.038	0.778	1.07	1.06	0.883	0.574	0.471	---	---	11
12	---	---	0.0228	0.048	0.792	1.10	1.07	1.03	0.543	0.458	---	---	12
13	---	---	0.0228	0.048	0.804	1.12	1.06	0.838	0.538	0.423	---	---	13
14	---	---	0.0218	0.048	0.874	1.08	1.24	0.812	0.522	0.481	---	---	14
15	---	---	0.0218	0.042	0.886	1.08	1.83	0.804	0.497	0.500	---	---	15
16	---	---	0.0208	0.028	0.834	1.08	1.37	0.881	0.498	0.518	---	---	16
17	---	---	0.0258	0.018	0.888	1.08	1.28	0.751	0.544	0.528	---	---	17
18	---	---	0.0388	0.012	0.940	1.04	1.31	0.821	0.594	0.533	---	---	18
19	---	---	0.0388	0.018	0.956	0.992	1.18	0.804	0.584	0.440	---	---	19
20	---	---	0.0408	0.014	0.956	1.01	1.13	0.781	0.614	0.239	---	---	20
21	---	---	0.0488	0.011	0.918	1.04	1.02	0.817	0.594	0.152	---	---	21
22	---	---	0.0528	0.011	0.948	1.05	1.19	0.818	0.474	0.121	---	---	22
23	---	---	0.0588	0.502	0.856	1.05	1.08	0.808	0.388	0.087	---	---	23
24	---	0 0	0.0588	0.878	0.888	1.05	1.81	0.851	0.803	0.082	---	---	24
25	---	0.0068	0.0538	0.730	0.934	1.08	1.58	0.772	0.645	0.051	---	---	25
26	---	0.0108	0.0488	0.748	0.987	1.08	1.44	0.588	0.615	0.043	---	---	26
27	---	0.0108	0.0478	0.781	1.03	1.11	1.31	0.585	0.508	0.046	---	---	27
28	---	0.0108	0.0468	0.823	1.12	1.13	0.877	0.580	0.478	0.046	---	---	28
29	---	0.0108	0.0448	0.800	1.11	1.22	0.893	0.557	0.487	0.034	---	---	29
30	---		0.0428	0.842	1.13	1.18	0.845	0.580	0.413	0.042	---	---	30
31	---		0.0418		1.08		0.488	0.558		0.047		---	31
TOTAL	---	---	0.881	8.788	28.187	33.342	35.423	23.294	15.881	8.748	---	---	TOTAL
MEAN	---	---	0.031	0.228	0.941	1.11	1.14	0.750	0.532	0.214	---	---	MEAN
MAX	---	---	0.052	0.800	1.13	1.36	1.81	1.03	0.645	0.533	---	---	MAX
MIN	---	---	0.008	0.011	0.778	0.992	0.488	0.478	0.388	0.034	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.631
MAXIMUM DAILY, 1.81 ON JUL 24
MINIMUM DAILY, 0.0068 ON MAR 4
MAXIMUM INSTANTANEOUS,
2.15 AT 19:42 MST ON JUN 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 20 N
LONG 113 33 15 W
DRAINAGE AREA, 838 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 080
FEB	---	AUG	2 010
MAR	83.0	SEP	1 380
APR	585	OCT	842
MAY	2 520	NOV	---
JUN	2 880	DEC	---

TOTAL DISCHARGE, 13 400 dam³

MOUNTAIN VIEW IRRIGATION DISTRICT CANAL - STATION NO. 05AD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.017	1.28	2.86	2.83	3.08	2.34	0.740	0.018	---	1
2	---	---	---	0.032	1.26	3.08	2.46	2.58	1.63	0.774	0.017	---	2
3	---	---	---	0.040	1.27	3.07	2.43	2.57	1.62	1.33	0.018A	---	3
4	---	---	---	0.032	1.27	3.14	2.40	2.53	1.63	1.78	0.008E	---	4
5	---	---	---	0.017	1.28	3.20	2.27	2.86	1.63	1.78	0.008E	---	5
6	---	---	---	0.028	1.31	3.22	1.71	3.02	1.80	1.78	0.008E	---E	6
7	---	---	---	0.052	0.881	2.21	1.69	3.06	1.69	1.76	0.008E	---	7
8	---	---	---	0.028	0.580	1.41	1.68	3.05	1.80	1.77	0.008E	---	8
9	---	---	---	0.020	0.670	1.38	1.65	2.86	1.83	1.76	0.008E	---	9
10	---	---	---	0.018	0.582	1.34	1.62	2.81	1.85	1.80	0.008E	---	10
11	---	---	---	0.024	0.574	1.34	2.24	2.80	1.85	1.33	0.008E	---	11
12	---	---	---	0.024	0.568	1.69	2.73	2.82	1.84	1.32	0.008E	---	12
13	---	---	---	0.028	1.28	2.88	2.70	2.84	1.78	1.30	0.008E	---	13
14	---	---	---	0.020	1.83	2.84	2.88	2.87	1.83	1.30	0.008E	---	14
15	---	---	---	0.020	1.78	2.80	2.88	2.87	1.80	1.30	0.008E	---	15
16	---	---	---	0.020	1.88	2.88	2.82	2.84	2.08	1.26	0.008E	---	16
17	---	---	---	0.018	1.70	2.83	2.81	2.31	2.13	1.41	0.003E	---	17
18	---	---	---	0.017	1.88	2.86	2.87	2.28	2.14	0.887	0.003E	---	18
19	---	---	---	0.018	1.84	2.85	2.87	2.29	2.13	0.007	0.003E	---	19
20	---	---	---	0.588	1.88	2.84	2.85	2.29	2.15	0.017	0.003E	---	20
21	---	---	---	1.34	2.19	2.84	2.84	2.29	2.12	0.025	0.003E	---	21
22	---	---	---	1.34	2.17	2.84	2.84	2.28	2.10	0.025	0.003E	---	22
23	---	---	0.002A	1.30	2.21	2.83	2.86	2.36	1.18	0.025	0.003E	---	23
24	---	---	0.003	1.30	2.53	2.83	2.87	2.28	0.482	0.025	0.003E	---	24
25	---	---	0.003	1.31	2.80	2.82	2.86	1.80	0.458	0.025	0.003E	---	25
26	---	---	0.006	1.28	2.78	2.81	3.34	2.19	0.481	0.025	0.001E	---	26
27	---	---	0.016	1.28	2.74	2.80	3.36	2.42	0.483	0.026	0.001E	---	27
28	---	---	0.012	1.27	2.71	2.82	3.35	2.43	0.488	0.022	0.001E	---	28
29	---	---	0.006	1.27	2.74	2.83	3.34	2.42	0.583	0.020	0.001E	---	29
30	---		0.006	1.28	2.78	2.89	3.30	2.42	0.878	0.025	0.001E	---	30
31	---		0.009		2.79		3.28	2.42		0.024		---	31
TOTAL	---	---	---	14.059	63.412	75.25	79.40	80.67	46.591	25.493	0.158	---	TOTAL
MEAN	---	---	---	0.469	1.72	2.51	2.56	2.80	1.55	0.822	0.005	---	MEAN
MAX	---	---	---	1.34	2.80	3.22	3.36	3.09	2.34	1.78	0.017	---	MAX
MIN	---	---	---	0.016	0.562	1.34	1.62	1.80	0.458	0.007	0.001	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.94
MAXIMUM DAILY, 3.36 ON JUL 27
MINIMUM DAILY, 0.0018 ON NOV 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 00 N
LONG 113 41 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 880
FEB	---	AUG	8 970
MAR	---	SEP	4 930
APR	1 210	OCT	2 200
MAY	4 810	NOV	13.7
JUN	6 900	DEC	---

TOTAL DISCHARGE, 33 400 dam³

MUD LAKE DIVERSION CANAL - STATION NO. 05BF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.228	2.10	2.12	1.88	0.954	0.632	---	---	1
2	---	---	---	---	0.224	1.84	2.32	1.40	1.03	0.840	---	---	2
3	---	---	---	---	0.218	1.85	3.80	1.30	1.26	0.806	---	---	3
4	---	---	---	---	0.218	2.66	2.97	1.80	1.36	0.853	---	---	4
5	---	---	---	---	0.207	3.03	2.84	1.89	1.38	0.826	---	---	5
6	---	---	---	---	0.204	4.80	3.22	1.68	1.46	0.803	---	---	6
7	---	---	---	---	0.207	5.83	2.83	1.81	1.40	0.487	---	---	7
8	---	---	---	---	0.240	6.14	2.13	1.34	0.884	0.483	---	---	8
9	---	---	---	---	0.306	5.30	2.09	1.48	0.700	0.485	---	---	9
10	---	---	---	---	0.476	3.93	2.14	1.51	0.839	0.484	---	---	10
11	---	---	---	---	0.703	3.29	2.43	1.31	0.884	0.471	---	---	11
12	---	---	---	---	0.938	2.49	2.98	1.18	0.834	0.472	---	---	12
13	---	---	---	---	1.48	2.07	2.18	1.28	0.827	0.481	---	---	13
14	---	---	---	---	1.82	1.87	2.08	1.38	0.887	0.510	---	---	14
15	---	---	---	---	1.48	2.24	2.02	1.38	0.888	0.824	---	---	15
16	---	---	---	---	1.37	3.07	1.80	1.28	0.888	0.842	---	---	16
17	---	---	---	---	1.88	4.41	1.83	1.23	0.882	0.488	---	---	17
18	---	---	---	---	1.80	5.23	1.48	1.40	0.488	0.428	---	---	18
19	---	---	---	---	1.48	4.18	1.38	1.13	0.482	0.401	---	---	19
20	---	---	---	---	1.32	3.58	1.80	1.09	0.480	0.392	---	---	20
21	---	---	---	---	1.28	3.38	1.83	1.02	0.418	0.378	---	---	21
22	---	---	---	---	1.48	3.44	2.08	0.978	0.380	0.384	---	---	22
23	---	---	---	---	2.42	3.08	1.88	1.01	0.385	0.368	---	---	23
24	---	---	---	---	4.08	3.81	1.82	1.23	0.434	0.341	---	---	24
25	---	---	---	---	3.08	2.97	1.78	1.32	0.424	0.318	---	---	25
26	---	---	---	0.170E	2.74	2.85	1.89	1.48	0.425	0.323	---	---	26
27	---	---	---	0.170E	2.74	3.55	1.88	1.27	0.417	0.289	---	---	27
28	---	---	---	0.170E	2.54	3.48	1.78	1.22	0.424	0.261	---	---	28
29	---	---	---	0.202	2.81	3.08	1.82	1.40	0.407	0.249	---	---	29
30	---		---	0.232	2.42	2.58	1.73	1.57	0.520	0.282	---	---	30
31	---		---		2.29		1.88	1.13		0.2558		---	31
TOTAL	---	---	---	---	44.402	105.38	85.20	42.028	20.822	13.527	---	---	TOTAL
MEAN	---	---	---	---	1.43	3.51	2.10	1.36	0.887	0.436	---	---	MEAN
MAX	---	---	---	---	4.08	6.14	3.88	1.88	1.46	0.840	---	---	MAX
MIN	---	---	---	---	0.204	1.84	1.38	0.978	0.380	0.249	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 6.14 ON JUN 8
MINIMUM DAILY, 0.204 ON MAY 6

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 30 N
LONG 115 18 00 W
DRAINAGE AREA, 28.0 km²

E - ESTIMATED
REGULATED SINCE 1949

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 630
FEB	---	AUG	3 630
MAR	---	SEP	1 810
APR	---	OCT	1 170
MAY	3 840	NOV	---
JUN	9 100	DEC	---

TOTAL DISCHARGE, 25 200 dam³

MURIEL LAKE AT CURNEYVILLE - STATION NO. 05AC007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	558.881	558.997	559.004	558.950	558.835	558.683	558.785	558.786	558.788	1
2	---	---	---	558.880	558.996	559.004	558.950	558.830	558.685	558.786	558.781	558.785	2
3	---	---	---	558.882	558.997	558.997	558.944	558.828	558.687	558.795	558.787	558.787	3
4	558.828A	---	---	558.881	558.998	558.997	558.937	558.826	558.688	558.788	558.782	558.787	4
5	---	---	---	558.882	559.006	558.981	558.942	558.824	558.683	558.784	558.783	558.787	5
6	---	---	---	558.880	558.990	558.987	558.944	558.838	558.657	558.782	558.[illegible]	558.785	6
7	---	---	---	558.880	558.991	558.983	558.915	558.832	558.643	558.782	558.780	558.785	7
8	---	---	558.828A	558.878	558.993	558.957	558.915	558.831	558.634	558.780	558.758	558.784	8
9	---	---	558.827	558.878	558.996	558.951	558.910	558.828	558.641	558.778	558.759	558.770	9
10	---	---	558.830	558.878	558.990	558.980	558.908	558.822	558.640	558.782	558.782	558.772	10
11	---	---	558.828	558.878	558.988	558.941	558.907	558.824	558.636	558.784	558.781	558.772	11
12	---	---	558.830	558.874	558.987	558.937	558.906	558.828	558.784	558.784	558.780	558.772	12
13	---	---	558.832	558.875	558.986	558.942	558.888	558.825	558.832	558.784	558.761	558.773	13
14	---	---	558.833	558.875	558.987	558.938	558.898	558.821	558.833	558.783	558.784	558.773	14
15	---	---	558.833	558.876	558.980	558.932	558.900	558.820	558.830	558.778	558.784	558.772	15
16	---	---	558.834	558.874	558.985	558.930	558.885	558.820	558.825	558.781	558.782	558.770	16
17	---	---	558.834	558.874	558.979	558.932	558.883	558.814	558.823	558.781	558.782	558.771	17
18	---	---	558.835	558.876	558.978	558.928	558.868	558.818	558.818	558.782	558.784	558.772	18
19	---	---	558.838	558.875	558.976	558.923	558.889	558.824	558.821	558.782	558.785	558.770	19
20	---	---	558.840	558.873	558.981	558.921	558.889	558.843	558.811	558.778	558.784	558.789	20
21	---	---	558.841	558.875	558.979	558.918	558.885	558.867	558.803	558.781	558.785	558.788	21
22	---	---	558.842	558.874	558.982	558.914	558.879	558.882	558.801	558.780	558.785	558.787	22
23	---	---	558.844	558.873	558.975	558.913	558.885	558.888	558.802	558.773	558.784	558.787	23
24	---	---	558.846	558.870	558.988	558.903	558.867	558.885	558.798	558.770	558.784	558.788	24
25	558.828A	---	558.849	558.873	558.986	558.910	558.884	558.886	558.802	558.778	558.785	558.788	25
26	558.823	---	558.850	558.873	558.988	558.915	558.881	558.881	558.801	558.784	558.784	558.788	26
27	558.822	---	558.856	558.874	558.982	558.902	558.858	558.879	558.803	558.783	558.783	558.789	27
28	558.824	---	558.872	558.874	558.983	558.903	558.851	558.879	558.802	558.783	558.784	558.788	28
29	558.823	---	558.877	558.877	558.959	558.880	558.850	558.877	558.800	558.788	558.788	558.788	29
30	558.823		558.877	558.889	558.959	558.863	558.862	558.884	558.793	558.788	558.787	558.788	30
31	558.820A		558.881		558.963		558.838	558.880		558.785		558.771	31
MEAN	---	---	---	558.877	558.981	558.937	558.894	558.844	558.827	558.778	558.783	558.788	MEAN
MAX	---	---	---	558.889	559.006	558.987	558.950	558.888	558.887	558.788	558.787	558.772	MAX
MIN	---	---	---	558.870	558.959	558.902	558.838	558.814	558.793	558.780	558.780	558.784	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 559.006 ON MAY 5

MAXIMUM INSTANTANEOUS,
559.033 AT 14:13 MST ON MAY 5

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 15 N
LONG 110 45 05 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
484 km²

MUSKEG CREEK NEAR WESTEROSE - STATION NO. 05AA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.156	0.123	0.063	0.061	0.034	0.037	0.103	---	---	1
2	---	---	0.0158	0.204	0.183	0.078	0.068	0.038	0.032	0.091	---	---	2
3	---	---	0.0208	0.413	0.107	0.064	0.044	0.046	0.012	0.084	---	---	3
4	---	---	0.0308	0.370	0.071	0.042	0.050	0.039	0.008	0.073	---	---	4
5	---	---	0.0408	0.338	0.098	0.067	0.078	0.032	0.004	0.067	---	---	5
6	---	---	0.0518	0.311	0.088	0.080	0.328	0.038	0.004	0.068	---	---	6
7	---	---	0.0818	0.228	0.080	0.104	1.28	0.040	0.001	0.065	---	---	7
8	---	---	0.0728	0.177	0.088	0.148	1.65	0.043	0.001	0.067	---	---	8
9	---	---	0.082A	0.188	0.121	0.432	0.788	0.065	0.018	0.072	---	---	9
10	---	---	0.089	0.158	0.143	0.833	0.389	0.044	0.027	0.076	---	---	10
11	---	---	0.088	0.181	0.208	0.452	0.230	0.036	0.082	0.078	---	---	11
12	---	---	0.081	0.187	0.295	0.295	0.178	0.027	0.071	0.085	---	---	12
13	---	---	0.082	0.180	0.328	0.317	0.170	0.020	0.043	0.118	---	---	13
14	---	---	0.048	0.139	0.198	0.521	0.215	0.014	0.026	0.115	---	---	14
15	---	---	0.052	0.161	0.080	0.318	0.180	0.015	0.037	0.121	---	---	15
16	---	---	0.058	0.186	0.074	0.191	0.163	0.044	0.001	0.126	---	---	16
17	---	---	0.059	0.163	0.085	0.135	0.124	0.073	0.147	0.131	---	---	17
18	---	---	0.060	0.131	0.078	0.111	0.097	0.133	0.202	0.134	---	---	18
19	---	---	0.060	0.118	0.081	0.081	0.081	0.112	0.158	0.136	---	---	19
20	---	---	0.108	0.108	0.084	0.070	0.088	0.078	0.140	0.130	---	---	20
21	---	---	0.151	0.140	0.043	0.051	0.051	0.368	0.133	0.127	---	---	21
22	---	---	0.188	0.141	0.002	0.045	0.042	0.882	0.181	0.114	---	---	22
23	---	---	0.139	0.125	0.001	0.047	0.031	0.383	0.124	0.108	---	---	23
24	---	---	0.142	0.110	0.001	0.071	0.030	0.153	0.114	0.108	---	---	24
25	---	---	0.151	0.084	0.005	0.088	0.051	0.085	0.110	0.1008	---	---	25
26	---	---	0.155	0.073	0.004	0.051	0.154	0.048	0.114	0.087E	---	---	26
27	---	---	0.136	0.083	0.008	0.048	0.085	0.038	0.153	0.084E	---	---	27
28	---	---	0.084	0.117	0.008	0.053	0.051	0.038	0.188	0.080E	---	---	28
29	---	---	0.048	0.120	0.013	0.057	0.038	0.039	0.137	0.087E	---	---	29
30	---		0.050	0.122	0.022	0.088	0.035	0.078	0.118	0.087E	---	---	30
31	---		0.087		0.037		0.037	0.087		0.080E		---	31
TOTAL	---	---	2.383	5.186	2.817	4.811	5.772	3.824	2.448	3.038	---	---	TOTAL
MEAN	---	---	0.077	0.173	0.084	0.164	0.218	0.084	0.082	0.098	---	---	MEAN
MAX	---	---	0.188	0.413	0.328	0.833	1.65	0.882	0.202	0.134	---	---	MAX
MIN	---	---	0.010	0.073	0.001	0.042	0.030	0.014	0.001	0.065	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.120
MAXIMUM DAILY, 1.65 ON JUL 8
MINIMUM DAILY, 0.001 ON MAY 23
MAXIMUM INSTANTANEOUS,
1.83 AT 04:43 MST ON JUL 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 05 N
LONG 113 57 27 W
DRAINAGE AREA, 97.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	585
FEB	---	AUG	283
MAR	297	SEP	213
APR	449	OCT	283
MAY	238	NOV	---
JUN	434	DEC	---

TOTAL DISCHARGE, 2 410 dam³

MUSKEG RIVER NEAR FORT MACKAY - STATION NO. 07DA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.306B	0.510B	12.2	8.89	8.62	4.78	7.38	8.62	4.94B	---	1
2	---	---	0.306B	0.520B	12.7	10.7	8.03	4.85	10.4	8.86	---	---	2
3	---	---	0.306B	0.540B	13.2	11.8	7.23	4.87	11.7	8.43	---	---	3
4	---	---	0.306B	0.580B	13.8	13.2	6.48	4.20	12.8	7.89	---	---	4
5	---	---	0.310B	0.670B	14.4	12.1	5.84	3.86	13.7	7.46	---	---	5
6	---	---	0.312B	0.670B	14.8	11.7	6.32	3.46	14.3 E	7.08	---	---	6
7	---	---	0.314B	0.680B	15.4	11.8	10.2	3.12	14.8 E	8.77	---	---	7
8	---	---	0.318B	0.633B	15.8	11.8	13.7	2.80	15.2 E	8.48	---	---	8
9	---	---	0.318B	0.478B	15.4	11.8	18.0	2.89	15.8 E	8.19	---	---	9
10	---	---	0.320B	0.480B	15.1	11.4	17.0	2.87	15.8 A	5.90	---	---	10
11	---	---	0.325B	0.480B	14.8	11.2	17.3	2.47	15.5 E	5.83	---	---	11
12	---	---	0.330B	0.500B	14.4	13.5	17.1	2.38	14.3 E	5.62	---	---	12
13	---	---	0.335B	0.600B	14.0	16.3	16.9	2.24	12.8 A	5.28	---	---	13
14	---	---	0.340B	0.800B	13.5	18.3	17.5	2.07	11.5	5.08	---	---	14
15	---	---	0.345B	1.20 B	12.9	19.4	18.9	2.13	11.7	5.00	---	---	15
16	---	---	0.350B	3.30 B	12.3	19.8	20.4	2.38	13.4	4.82	---	---	16
17	---	---	0.355B	3.40 B	11.8	19.5	20.9	2.50	14.6	4.65	---	---	17
18	---	---	0.375B	4.50 B	11.4	18.5	20.4	2.23	15.7	4.50	---	---	18
19	---	---	0.390B	5.30 B	11.0	17.3	19.2	2.17	15.7	4.54	---	---	19
20	---	---	0.405B	5.10 B	10.4	16.0	17.8	2.40	15.1	4.49	---	---	20
21	---	---	0.425B	7.00 B	9.97	14.8	15.8	2.53	14.4	4.35	---	---	21
22	---	---	0.445B	7.70 B	9.44	13.2	14.1	2.53	13.8	4.258	---	---	22
23	---	---	0.470B	8.35 B	8.91	11.9	12.3	2.72	13.2	4.208	---	---	23
24	---	---	0.500B	8.00 B	8.46	10.4	10.5	2.71	12.7	4.108	---	---	24
25	---	---	0.515B	9.40 B	7.99	9.04	8.97	2.41	12.2	4.008	---	---	25
26	---	---	0.520B	10.0 B	7.47	8.00	8.00	2.24	11.8	3.838	---	---	26
27	---	---	0.525B	10.3 B	6.99	7.37	7.07	2.13	11.1	3.608	---	---	27
28	---	---	0.520B	10.8	6.81	7.00	6.00	2.01	10.7	3.488	---	---	28
29	---	---	0.515B	11.1	6.31	7.40	5.47	1.85	10.4	4.008	---	---	29
30	---		0.510B	11.7	6.06	6.37	5.36	1.86	9.99	4.208	---	---	30
31	---		0.500B		5.81		4.95	2.09		4.608		---	31
TOTAL	---	---	12.132	128.02B	384.24	380.77	384.15	88.84	382.27	169.74	---	---	TOTAL
MEAN	---	---	0.391	4.20	11.4	12.7	12.4	2.76	13.1	5.48	---	---	MEAN
MAX	---	---	0.525	11.7	15.8	19.8	20.9	4.85	15.8	8.62	---	---	MAX
MIN	---	---	0.306	0.480	6.06	7.00	4.95	1.86	7.38	3.80	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.78
MAXIMUM DAILY, 20.9 ON JUL 17
MINIMUM DAILY, 0.306B ON MAR 1
MAXIMUM INSTANTANEOUS,
20.9 AT 17:33 MST ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 11 30 N
LONG 111 34 05 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	33 200
FEB	---	AUG	7 400
MAR	1 050	SEP	33 000
APR	10 900	OCT	14 700
MAY	30 000	NOV	---
JUN	32 900	DEC	---

TOTAL DISCHARGE, 165 000 dam³

MUSKEG RIVER NEAR GRANDE CACHE - STATION NO. 07GA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.03B	1.33B	2.38E	2.74	7.82	2.78	1.68	1.81	1.48B	---	1
2	---	---	1.04B	1.33B	2.34E	2.84	8.72	3.30	1.63	1.81	1.43B	---	2
3	---	---	1.04B	1.38B	2.32E	2.84	8.80	3.18	1.60	1.81	1.41B	---	3
4	---	---	1.05B	1.38B	2.40A	2.87	8.53	2.88	1.58	1.80	---	---	4
5	---	---	1.05B	1.41B	2.48E	2.88	8.37	2.88	1.58	1.89	---	---	5
6	---	---	1.06B	1.48B	2.80E	4.81	8.71	2.85	1.87	1.88	---	---	6
7	---	---	1.07B	1.48B	2.74E	8.83	8.62	3.23	1.80	1.88	---	---	7
8	---	---	1.07B	1.52B	2.90E	7.19	8.03	3.43	1.80	1.88	---	---	8
9	---	---	1.08B	1.57B	3.10E	8.83	8.31	3.18	1.80	1.88	---	---	9
10	---	---	1.08B	1.81B	3.30E	8.14	4.78	2.87	1.84	1.84	---	---	10
11	---	---	1.08B	1.84B	3.80E	11.3	4.83	2.80	1.83	1.84	---	---	11
12	---	---	1.10B	1.70B	3.88A	14.7	5.42	2.89	1.81	1.84	---	---	12
13	---	---	1.10B	1.80B	5.26	11.6	4.83	2.40	1.89	1.83	---	---	13
14	---	---	1.11B	1.92B	5.13	9.85	4.40	2.26	1.87	1.83	---	---	14
15	---	---	1.11B	2.05B	4.27	8.41	4.00	2.25	1.89	1.83	---	---	15
16	---	---	1.12B	2.20E	3.74	7.58	3.87	2.32	1.90	1.85	---	---	16
17	---	---	1.12B	2.35E	3.62	6.87	3.31	2.45	1.82	1.85	---	---	17
18	---	---	1.13B	2.40E	3.39	6.29	3.17	2.46	1.89	1.81	---	---	18
19	---	---	1.14B	2.72E	3.08	5.84	2.88	2.28	1.82	1.82	---	---	19
20	---	---	1.14B	3.00E	2.85	5.41	3.12	2.25	1.84	1.82	---	---	20
21	---	---	1.15B	2.82E	2.74	5.12	3.87	2.22	1.82	1.82	---	---	21
22	---	---	1.16B	2.88E	2.76	4.80	3.26	2.16	1.82	1.87	---	---	22
23	---	0.98BB	1.17B	2.80E	3.09	4.87	2.97	2.04	1.81	1.88	---	---	23
24	---	0.98BB	1.18B	2.78E	3.48	4.80	2.76	1.93	1.81	1.84	---	---	24
25	---	1.00 B	1.19B	2.88E	3.02	4.13	2.88	1.88	1.83	1.82	---	---	25
26	---	1.01 B	1.20B	2.88E	2.85	3.85	2.36	1.82	1.86	1.83	---	---	26
27	---	1.01 B	1.22B	2.81E	2.77	3.67	2.27	1.78	1.88	1.40B	---	---	27
28	---	1.02 B	1.24B	2.63E	2.73	3.61	2.29	1.76	1.88	1.37B	---	---	28
29	---	1.02 B	1.26B	2.48E	2.86	5.84	2.36	1.72	1.83	1.47B	---	---	29
30	---		1.25B	2.43E	2.87	9.04	2.84	1.72	1.81	1.56B	---	---	30
31	---		1.30B		2.88		2.88	1.73		1.55B		---	31
TOTAL	---	---	35.06	82.85	97.47	182.08	133.57	75.47	48.38	47.71	---	---	TOTAL
MEAN	---	---	1.13	2.10	3.14	6.07	4.31	2.43	1.81	1.54	---	---	MEAN
MAX	---	---	1.30	3.00	5.26	14.7	8.82	3.43	1.89	1.81	---	---	MAX
MIN	---	---	1.03	1.32	2.32	3.54	2.27	1.72	1.68	1.37	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 14.7 ON JUN 12
MINIMUM DAILY, 1.03E ON MAR 1
MAXIMUM INSTANTANEOUS,
16.4 AT 00:12 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 55 32 N
LONG 118 48 52 W
DRAINAGE AREA, 705 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 500
FEB	---	AUG	8 520
MAR	3 030	SEP	4 180
APR	5 460	OCT	4 120
MAY	8 420	NOV	---
JUN	15 700	DEC	---

TOTAL DISCHARGE, 60 900 dam³

NAMEPI CREEK NEAR THE MOUTH - STATION NO. 05EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0088	0.072	0.008	0.027	0.070	0.015	0.003	0.005	---	1
2	---	---	0 B	0.0088	0.054	0.007	0.017	0.080	0.023	0.002	0.005	---	2
3	---	---	0 B	0.0058	0.034	0.010	0.017	0.073	0.027	0.003	0.004A	---	3
4	---	---	0.0808	0.0088	0.013	0.026	0.015	0.053	0.024	0.004	---	---	4
5	---	---	0.0808	0.0078	0.012	0.051	0.014	0.054	0.029	0.005	---	---	5
6	---	---	0.0788	0.0108	0.011	0.083	0.143	0.078	0.028	0.005	---	---	6
7	---	---	0.0808	0.0078	0.009	0.080	0.112	0.088	0.030	0.005	---	---	7
8	---	---	0.0358	0.0068	0.008	0.073	0.095	0.088	0.024	0.005	---	---	8
9	---	---	0.0308	0.0058	0.007	0.085	0.084	0.083	0.022	0.005	---	---	9
10	---	---	0.0208	0.0508	0.007	0.088	0.071	0.078	0.030	0.004	---	---	10
11	---	---	0.0128	0.1008	0.008	0.080	0.088	0.078	0.033	0.005	---	---	11
12	---	---	0.0068	0.0788	0.008	0.093	0.058	0.078	0.034	0.005	---	---	12
13	---	---	0.0058	0.0538	0.005	0.128	0.046	0.077	0.033	0.001	---	---	13
14	---	---	0.0028	0.0108	0.005	0.147	0.053	0.088	0.031	0.005	---	---	14
15	---	---	0.0028	0.0058	0.005	0.113	0.147	0.055	0.024	0.005	---	---	15
16	---	---	0.0028	0.005	0.005	0.118	0.130	0.040	0.021	0.005	---	---	16
17	---	---	0.0028	0.005	0.005	0.121	0.113	0.029	0.017	0.005	---	---	17
18	---	---	0.0038	0.005	0.005	0.107	0.088	0.042	0.012	0.005	---	---	18
19	---	---	0.0038	0.080	0.005	0.087	0.085	0.058	0.008	0.005	---	---	19
20	---	---	0.0038	0.180	0.005	0.032	0.075	0.041	0.006	0.008	---	---	20
21	---	---	0.0048	0.162	0.004	0.013	0.088	0.088	0.005	0.021	---	---	21
22	---	---	0.0048	0.137	0.004	0.015	0.070	0.040	0.005	0.019	---	---	22
23	---	---	0.0048	0.122	0.004	0.048	0.082	0.020	0.005	0.018	---	---	23
24	---	---	0.0058	0.084	0.004	0.070	0.072	0.038	0.004	0.018	---	---	24
25	---	---	0.0058	0.058	0.004	0.044	0.088	0.025	0.005	0.017	---	---	25
26	---	---	0.0178	0.048	0.003	0.038	0.081	0.015	0.005	0.018	---	---	26
27	---	---	0.0348	0.053	0.003	0.028	0.088	0.015	0.004	0.018	---	---	27
28	---	---	0.0598	0.051	0.003	0.057	0.088	0.015	0.004	0.011	---	---	28
29	---	---	0.0368	0.055	0.003	0.055	0.088	0.015	0.005	0.008	---	---	29
30	---		0.0038	0.084	0.003	0.052	0.105	0.015	0.003	0.008	---	---	30
31	---		0.0038		0.003		0.091	0.015		0.007		---	31
TOTAL	---	---	0.606	1.474	0.316	1.880	2.385	1.583	0.824	0.288	---	---	TOTAL
MEAN	---	---	0.020	0.049	0.010	0.063	0.077	0.051	0.017	0.008	---	---	MEAN
MAX	---	---	0.050	0.180	0.072	0.147	0.147	0.088	0.034	0.021	---	---	MAX
MIN	---	---	0	0.005	0.003	0.007	0.014	0.015	0.003	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.037
MAXIMUM DAILY, 0.180 ON APR 20
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 50 N
LONG 112 51 35 W
DRAINAGE AREA, 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	207
FEB	---	AUG	138
MAR	52.4	SEP	46.3
APR	127	OCT	22.1
MAY	27.5	NOV	---
JUN	163	DEC	---

TOTAL DISCHARGE, 782 dam³

NEW WEST COULEE NEAR THE MOUTH - STATION NO. 05BN008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.788	3.14	3.19	3.57	1.80	1.41	0.008	---	1
2	---	---	0	0	1.40	2.82	2.88	3.17	1.63	1.48	0.007	---	2
3	---	---	0	0.018	2.02	2.83	2.80	2.74	1.57	1.54	0.001A	---	3
4	---	---	0	0.015 A	2.55 A	2.82	2.73	2.50	1.58	1.45	---	---	4
5	---	---	0	0.011	2.75 A	2.68	2.74	2.57	1.55	1.42	---	---	5
6	---	---	0	0.008	2.48	3.12	2.72	2.80	1.70	1.39	---	---	6
7	---	---	0	0.003	2.38	5.30	2.83	3.08	1.73	1.21	---	---	7
8	---	---	0	0.001	2.14	9.26	2.80	2.90	1.82	0.888	---	---	8
9	---	---	0	0.001	2.35	7.82	2.73	2.80	1.71	0.887	---	---	9
10	---	---	0	0	2.73	1.08	3.10	2.87	1.84	0.727	---	---	10
11	---	---	0	0	2.73	0.591	2.98	2.86	1.84	0.598	---	---	11
12	---	---	0	0	2.82	0.448	3.48	2.07	1.87	0.311	---	---	12
13	---	---	0	0	2.85	0.351	3.48	2.18	1.88	0.280	---	---	13
14	---	---	0	0	2.88	0.378	3.16	1.83	1.65	0.186	---	---	14
15	---	---	0	0	2.87	0.686	2.81	1.38	1.68	0.021	---	---	15
16	---	---	0	0	2.85	0.587	3.17	1.48	1.62	0.010	---	---	16
17	---	---	0	0	3.03	0.606	3.16	1.83	1.80	0.008	---	---	17
18	---	0	0	0	3.04	0.778	3.03	1.48	1.77	0.007	---	---	18
19	---	0	0	0	3.05	0.728	3.07	1.47	1.71	0.008	---	---	19
20	---	0	0	0	3.05	1.02	3.04	1.58	1.79	0.008	---	---	20
21	---	0	0	0	3.28	1.13	3.18	1.84	1.78	0.005	---	---	21
22	---	0	0	0	3.58	1.24	3.68	1.78	1.48	0.001	---	---	22
23	---	0	0	0	3.69	1.68	3.90	1.50	1.59	0.002	---	---	23
24	---	0	0	0	3.38	1.68	3.78	1.42	1.58	0.003	---	---	24
25	---	0	0	0	3.32	2.10	3.73	1.44	1.48	0.005	---	---	25
26	---	0	0	0	2.92	2.00	3.39	1.58	1.48	0.003	---	---	26
27	---	0	0	0	3.21	1.68	3.37	1.62	1.47	0.003	---	---	27
28	---	0	0	0.108	2.87	2.88	3.28	1.52	1.54	0.004	---	---	28
29	---	0	0	0.887	3.53	5.34	2.83	1.41	1.59	0.003	---	---	29
30	---		0	0.674	3.62	3.60	3.18	1.24	1.48	0.004	---	---	30
31	---		0		3.47		3.31	1.39		0.008		---	31
TOTAL	---	---	0	1.805	88.288	70.803	97.30	83.01	48.72	13.858	---	---	TOTAL
MEAN	---	---	0	0.060	2.88	2.36	3.14	2.03	1.82	0.447	---	---	MEAN
MAX	---	---	0	0.674	3.69	5.34	3.90	3.57	1.87	1.54	---	---	MAX
MIN	---	---	0	0	0.788	0.351	2.80	1.24	1.47	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 5.28 ON JUN 8
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
13.8 AT 18:38 MDT ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 00 N
LONG 112 08 15 W
DRAINAGE AREA, 312 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 410
FEB	---	AUG	5 440
MAR	0	SEP	4 210
APR	130	OCT	1 100
MAY	7 630	NOV	---
JUN	5 100	DEC	---

TOTAL DISCHARGE, 33 100 dam³

NINE MILE COULEE NEAR LETHBRIDGE - STATION NO. 05AE042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.003	0.248	0.217	0.180E	0.615	0.082	0.217	0.054A	---	1
2	---	---	---	0.010	0.382	0.218	0.321E	0.671	0.085	0.188	---	---	2
3	---	---	---	0.017	0.214	0.226	0.230E	0.444	0.183	0.158	---	---	3
4	---	---	---	0.018	0.231	0.287	0.244E	0.186	0.140	0.114	---	---	4
5	---	---	---	0.008	0.238	0.288	0.048E	0.177	0.175	0.178	---	---	5
6	---	---	---	0.008	0.304	0.288	0.230A	0.240	0.085	0.211	---	---	6
7	---	---	---	0.004	0.387	0.315A	0.342A	0.204	0.208	0.188	---	---	7
8	---	---	---	0.002	0.288	0.285E	0.348	0.181	0.114	0.248	---	---	8
9	---	---	---	0.001	0.334	0.458A	0.268	0.114	0.144	0.220	---	---	9
10	---	---	---	0.001	0.118	0.476	0.153	0.035	0.155	0.172	---	---	10
11	---	---	---	0	0.185	0.508	0.108	0.113	0.247	0.284	---	---	11
12	---	---	---	0	0.291	0.426	0.334	0.108	0.257	0.268	---	---	12
13	---	---	---	0	0.278	0.408	0.243	0.054	0.262	0.143	---	---	13
14	---	---	---	0	0.258	0.383	0.180	0.218	0.254	0.080	---	---	14
15	---	---	---	0	0.288	0.330	0.213	0.215	0.123	0.100	---	---	15
16	---	---	---	0	0.212	0.335	0.324	0.140	0.144	0.102	---	---	16
17	---	---	---	0	0.313	0.363	0.268	0.173	0.189	0.101	---	---	17
18	---	---	---	0	0.284	0.321	0.332	0.282	0.281	0.096	---	---	18
19	---	---	---	0	0.233	0.372	0.187	0.288	0.338	0.101	---	---	19
20	---	---	---	0	0.193	0.207	0.139	0.308	0.284	0.128	---	---	20
21	---	---	---	0	0.218	0.311	0.184	0.384	0.217	0.123	---	---	21
22	---	---	---	0	0.204	0.287	0.128	0.324	0.281	0.118	---	---	22
23	---	---	---	0	0.285	0.341	0.228	0.138	0.248	0.116	---	---	23
24	---	---	---	0	0.158	0.107	0.252	0.224	0.225	0.113	---	---	24
25	---	---	---	0	0.277	0.284	0.323	0.277	0.238	0.108	---	---	25
26	---	---	---	0	0.143	0.485	0.357	0.225	0.278	0.088	---	---	26
27	---	---	---	0.303	0.082	0.229	0.220	0.183	0.304	0.082	---	---	27
28	---	---	0A	0.202	0.118	0.158	0.381	0.259	0.284	0.086	---	---	28
29	---	---	0	0.255	0.115	0.370	0.387	0.145	0.307	0.080	---	---	29
30	---		0	0.212	0.108	0.271A	0.287	0.051	0.214	0.088	---	---	30
31	---		0		0.283		0.312	0.053		0.083		---	31
TOTAL	---	---	---	1.040	7.130	8.650	7.788	8.889	8.222	4.348	---	---	TOTAL
MEAN	---	---	---	0.035	0.230	0.318	0.251	0.222	0.207	0.140	---	---	MEAN
MAX	---	---	---	0.303	0.387	0.508	0.387	0.671	0.338	0.288	---	---	MAX
MIN	---	---	---	0	0.082	0.107	0.048	0.035	0.085	0.083	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.201
MAXIMUM DAILY, 0.671 ON AUG 2
MINIMUM DAILY, 0 ON APR 11

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 19 N
LONG 112 47 08 W
DRAINAGE AREA, 157 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	671
FEB	---	AUG	885
MAR	---	SEP	638
APR	88.8	OCT	378
MAY	816	NOV	---
JUN	828	DEC	---

TOTAL DISCHARGE, 3 710 dam³

NORDEGG RIVER AT SUNCHILD ROAD - STATION NO. 05DD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.685B	0.405B	0.521B	0.889B	2.74B	1.37	2.65	1.26	1.88	2.58	1.45 B	0.470B	1
2	0.680B	0.405B	0.477B	1.03 B	2.63B	1.34	2.43	1.32	1.86	2.44	1.40 B	0.480B	2
3	0.680B	0.400B	0.523B	1.14 B	2.47	1.28	2.23	1.46	1.80	2.26	1.37 B	0.470B	3
4	0.680B	0.410B	0.558B	1.16 B	2.17	1.16	2.14	1.66	1.83	2.13	1.28 B	0.520B	4
5	0.663B	0.430B	0.808B	1.24 B	2.12	1.17	2.26	1.61	1.82	2.02	1.75 B	0.570B	5
6	0.660B	0.425B	0.802B	1.30 B	2.10	1.28	3.38	1.71	1.87	1.95	1.58 B	0.700B	6
7	0.660B	0.440B	0.822B	1.40 B	2.11	1.67	7.06	2.33	1.80	1.88	1.01 B	0.880B	7
8	0.675B	0.460B	0.828B	1.45 B	2.18	2.78	7.02	3.44	1.46	1.82	1.05 B	1.05 B	8
9	0.670B	0.500B	0.680B	1.55 B	2.18	8.12	5.04	3.18	1.46	1.71	0.850B	1.04 B	9
10	0.655B	0.690B	0.711B	1.85 B	2.23	11.9	4.25	2.69	1.68	1.68	0.800B	1.03 B	10
11	0.650B	0.670B	0.737B	1.72 B	2.23	8.78	3.77	2.59	1.78	1.64	0.850B	1.01 B	11
12	0.650B	0.760B	0.764B	1.80 B	2.23	7.22	3.70	2.34	1.80	1.61	0.900B	1.00 B	12
13	0.635B	0.750B	0.791B	1.85 B	2.17	5.64	3.58	2.03	1.90	1.55	0.850B	0.880B	13
14	0.620B	0.740B	0.817B	1.90 B	2.18	4.81	3.23	1.85	1.77	1.38	0.720B	0.850B	14
15	0.605B	0.720B	0.844B	1.85 B	2.15	3.88	3.03	1.68	1.69	1.35	0.650B	0.840B	15
16	0.590B	0.705B	0.871B	2.00 B	2.00	3.30	2.72	3.61	1.68	1.40	0.590B	0.820B	16
17	0.560B	0.690B	0.898B	2.05 B	1.88	2.88	2.43	8.03	1.68	1.32	0.580B	0.800B	17
18	0.555B	0.675B	0.925B	2.09 B	1.78	2.55	2.21	13.0	1.83	1.24	0.630B	0.860B	18
19	0.550B	0.655B	0.954B	2.17 B	1.73	2.30	2.02	13.7	2.08	1.27	0.700B	0.850B	19
20	0.535B	0.660B	0.981B	2.40 B	1.73	2.11	2.01	8.86	2.10	1.28	0.750B	0.837B	20
21	0.518B	0.650B	0.897B	2.46 B	1.66	1.90	1.84	7.62	2.12	1.30	0.810B	0.830B	21
22	0.505B	0.630B	1.04 B	3.86 B	1.63	1.77	1.68	6.40	2.17	1.36	0.858B	0.820B	22
23	0.480B	0.620B	1.10 B	3.72 B	1.54	1.72	1.63	5.07	2.14	1.43	0.800B	0.800B	23
24	0.475B	0.598B	1.12 B	3.53 B	1.49	1.62	1.47	4.16	2.17	1.44	0.750B	0.780B	24
25	0.465B	0.582B	1.17 B	3.08 B	1.50	1.47	1.39	3.90	2.38	1.44	0.700B	0.780B	25
26	0.451B	0.638B	1.21 B	2.78 B	1.48	1.48	1.27	3.20	2.84	1.41	0.660B	0.760B	26
27	0.435B	0.682B	1.12 B	2.74 B	1.36	1.52	1.18	2.90	2.57	1.37	0.800B	0.770B	27
28	0.430B	0.722B	1.04 B	2.56 B	1.36	2.05	1.19	2.88	2.83	1.08 B	0.550B	0.780B	28
29	0.425B	0.730B	1.02 B	2.78 B	1.37	2.29	1.26	2.43	2.58	0.704B	0.520B	0.760B	29
30	0.420B		0.992B	2.80 B	1.37	2.58	1.30	2.28	2.81	1.23 B	0.500B	0.740B	30
31	0.415B		0.958B		1.28		1.28	2.12		1.38 B		0.740B	31
TOTAL	17.780	17.274	28.288	83.989	58.96	94.94	82.54	116.49	58.81	48.854	28.898	25.037	TOTAL
MEAN	0.574	0.586	0.848	2.13	1.90	3.16	2.66	3.82	1.96	1.57	0.880	0.808	MEAN
MAX	0.685	0.760	1.21	3.72	2.74	11.9	7.06	13.7	2.83	2.58	1.75	1.05	MAX
MIN	0.415	0.400	0.477	0.989	1.28	1.17	1.18	1.26	1.65	0.704	0.500	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.75
MAXIMUM DAILY, 13.7 ON AUG 19
MINIMUM DAILY, 0.400B ON FEB 3
MAXIMUM INSTANTANEOUS,
16.0 AT 00:20 MST ON AUG 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 13 N
LONG 115 31 10 W
DRAINAGE AREA, 675 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 840	JUL	7 130
FEB	1 480	AUG	10 200
MAR	2 270	SEP	5 080
APR	5 030	OCT	4 200
MAY	5 080	NOV	2 310
JUN	8 200	DEC	2 180

TOTAL DISCHARGE, 55 200 dam³

NORTH FORK MILK RIVER ABOVE ST. MARY CANAL - STATION NO. 11AA032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.340B	0.388	0.311	0.283	0.187	0.128	0.136	0.176	---	---	1
2	---	---	0.388B	0.823	0.283	0.246	0.170	0.163	0.142	0.173	---	---	2
3	---	---	0.388B	0.821	0.283	0.232	0.181	0.184	0.136	0.178	---	---	3
4	---	---	0.388B	0.483	0.311	0.226	0.188	0.180	0.133	0.181	---	---	4
5	---	---	0.340B	0.340	0.311	0.221	0.204	0.147	0.138	0.184	---	---	5
6	---	---	0.340B	0.340	0.388	0.221	0.227	0.138	0.136	0.187	---	---	6
7	---	---	0.340B	0.388	0.510	0.221	0.187	0.139	0.130	0.178	---	---	7
8	---	---	0.340B	0.388	0.483	0.232	0.187	0.142	0.130	0.176	---	---	8
9	---	---	0.388B	0.311	0.340	0.288	0.188	0.138	0.138	0.178	---	---	9
10	---	---	0.340B	0.311	0.311	0.238	0.169	0.130	0.142	0.187	---	---	10
11	---	---	0.311B	0.311	0.283	0.201	0.181	0.133	0.181	0.187	---	---	11
12	---	---	0.311B	0.311	0.260	0.193	0.170	0.136	0.281	0.181	---	---	12
13	---	---	0.311B	0.311	0.275	0.218	0.180	0.133	0.241	0.180	---	---	13
14	---	---	0.311B	0.311	0.258	0.227	0.163	0.130	0.186	0.184	---	---	14
15	---	---	0.311B	0.311	0.249	0.198	0.150	0.130	0.173	0.167	---	---	15
16	---	---	0.311B	0.311	0.258	0.181	0.144	0.127	0.181	0.198	---	---	16
17	---	---	0.311B	0.311	0.249	0.176	0.142	0.126	0.189	0.204	---	---	17
18	---	---	0.388B	0.311	0.246	0.187	0.142	0.125	0.184	0.227	---	---	18
19	---	---	0.453B	0.398	0.244	0.188	0.144	0.122	0.249	0.185	---	---	19
20	---	---	0.568B	0.388	0.244	0.186	0.147	0.130	0.241	0.180	---	---	20
21	---	---	0.623B	0.311	0.248	0.153	0.138	0.153	0.235	0.193	---	---	21
22	---	---	0.595	0.340	0.246	0.153	0.133	0.183	0.215	0.185	---	---	22
23	---	---	0.425	0.311	0.229	0.150	0.119	0.144	0.193	0.184	---	---	23
24	---	---	0.388	0.311	0.227	0.150	0.122	0.130	0.181	0.185	---	---	24
25	---	---	0.311	0.388	0.235	0.147	0.119	0.130	0.176	0.184	---	---	25
26	---	---	0.398	0.398	0.232	0.150	0.119	0.133	0.184	0.215	---	---	26
27	---	---	0.510	0.453	0.224	0.153	0.119	0.147	0.184	0.2488	---	---	27
28	---	---	0.510	0.398	0.218	0.173	0.119	0.158	0.187	0.2078	---	---	28
29	---	---	0.340	0.340	0.224	0.207	0.119	0.144	0.184	0.229	---	---	29
30	---		0.311	0.311	0.255	0.210	0.119	0.138	0.178	0.244	---	---	30
31	---		0.340		0.340		0.118	0.133		0.283		---	31
TOTAL	---	---	11.606	11.148	8.743	6.802	4.628	4.278	5.324	6.141	---	---	TOTAL
MEAN	---	---	0.381	0.372	0.282	0.187	0.148	0.138	0.177	0.198	---	---	MEAN
MAX	---	---	0.623	0.821	0.510	0.283	0.227	0.184	0.281	0.283	---	---	MAX
MIN	---	---	0.311	0.311	0.218	0.147	0.118	0.122	0.130	0.173	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.237
MAXIMUM DAILY, 0.821 ON APR 3
MINIMUM DAILY, 0.118 ON JUL 31
MAXIMUM INSTANTANEOUS,
1.30 AT 08:30 MST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 18 N
LONG 113 03 18 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	400
FEB	---	AUG	370
MAR	1 030	SEP	480
APR	983	OCT	631
MAY	755	NOV	---
JUN	610	DEC	---

TOTAL DISCHARGE, 5 010 dam³

NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.350B	8.20	15.8	18.1	17.6	13.5	0.107	0.157	0.272	---	1
2	---	---	0.380B	10.2	16.0	18.6	17.0	13.1	0.108	0.160	0.224A	---	2
3	---	---	0.370B	12.8	17.6	18.5	16.8	11.7	0.104	0.163	---	---	3
4	---	---	0.380B	14.0	19.1	19.3	16.8	10.7	0.102	0.166	---	---	4
5	---	---	0.358B	15.0	18.5	19.1	17.4	9.60	0.104	0.158	---	---	5
6	---	---	0.380B	15.1	16.6	19.3	17.3	7.70	0.103	0.161	---	---	6
7	---	---	0.340B	17.4	16.5	19.5	17.0	7.29	0.092	0.156	---	---	7
8	---	---	0.350B	18.2	15.1	19.6	17.1	8.07	0.086	0.163	---	---	8
9	---	---	0.358B	19.1	14.1	19.6	17.1	6.56	0.107	0.162	---	---	9
10	---	---	0.355B	19.6	12.4	19.5	17.1	6.21	0.116	0.165	---	---	10
11	---	---	0.340B	20.3	11.3	19.1	17.1	6.16	0.161	0.171	---	---	11
12	---	---	0.330B	20.2	11.3	18.8	16.9	3.74	0.233	0.173	---	---	12
13	---	---	0.335B	18.6	11.6	19.0	16.4	3.08	0.205	0.173	---	---	13
14	---	---	0.340B	14.4	14.7	18.8	16.5	2.85	0.188	0.162	---	---	14
15	---	---	0.350B	11.7	17.5	18.7	16.4	2.75	0.148	0.176	---	---	15
16	---	---	3.68	13.9	19.4	18.7	16.5	2.83	0.138	0.188	---	---	16
17	---	---	9.39	15.6	20.5	18.5	16.4	2.77	0.188	0.182	---	---	17
18	---	---	9.37	15.9	20.6	18.4	16.4	2.83	0.224	0.188	---	---	18
19	---	---	11.2	15.0	20.5	18.3	16.3	2.41	0.238	0.202	---	---	19
20	---	---	12.2	14.0	20.5	18.5	16.3A	1.44	0.238	0.185	---	---	20
21	---	---	12.0	14.0	20.6	18.8	16.1A	0.848	0.210	0.177	---	---	21
22	---	---	12.7	15.3	20.8	18.6	16.0A	0.515	0.184	0.177	---	---	22
23	---	---	13.7	16.2	20.6	18.7	15.8A	0.401	0.170	0.184	---	---	23
24	---	---	14.6	16.2	18.1	17.4	15.8A	0.358	0.171	0.178	---	---	24
25	---	0.330B	14.8	16.8	16.8	17.2	14.1A	0.281	0.174	0.188	---	---	25
26	---	0.340B	15.1	16.4	16.7	17.4	13.0	0.134	0.174	0.2228	---	---	26
27	---	0.380B	15.5	16.3	16.8	17.2	13.0	0.239	0.176	0.2328	---	---	27
28	---	0.400B	15.5	16.2	18.1	17.1	12.9	0.162	0.172	0.2358	---	---	28
29	---	0.370B	15.1	16.1	19.3	17.5	13.4	0.131	0.187	0.2408	---	---	29
30	---		12.4	16.1	19.8	17.0	14.0	0.118	0.180	0.2708	---	---	30
31	---		9.34		19.9		14.0	0.105		0.282		---	31
TOTAL	---	---	202.148	489.80	538.7	556.9	494.1	120.879	4.740	5.799	---	---	TOTAL
MEAN	---	---	6.52	16.7	17.3	18.6	15.9	3.89	0.158	0.187	---	---	MEAN
MAX	---	---	15.5	20.3	20.8	19.6	17.4	13.5	0.238	0.282	---	---	MAX
MIN	---	---	0.330	8.20	11.3	17.0	12.9	0.105	0.092	0.153	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.78
MAXIMUM DAILY, 20.8 ON MAY 18
MINIMUM DAILY, 0.092 ON SEP 7
MAXIMUM INSTANTANEOUS,
21.0 AT 13:04 MST ON MAY 23

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 19 N
LONG 112 58 18 W
DRAINAGE AREA, 238 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1918

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	42 700
FEB	---	AUG	10 400
MAR	17 500	SEP	410
APR	40 800	OCT	501
MAY	48 400	NOV	---
JUN	48 100	DEC	---

TOTAL DISCHARGE, 207 000 dam³

NORTH RAM RIVER AT FORESTRY ROAD - STATION NO. 05DC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.681	0.852	1.87	2.84	1.72	1.80	---	---	1
2	---	---	---	---	0.845	0.844	1.87	3.39	1.88	1.88	---	---	2
3	---	---	---	---	0.831	0.818	1.78	2.88	1.80	1.82	---	---	3
4	---	---	---	---	0.828	0.817	1.88	2.48	1.81	1.88	---	---	4
5	---	---	---	---	0.821	0.848	2.31	2.41	1.48	1.48	---	---	5
6	---	---	---	---	0.836	0.884	4.20	2.87	1.44	1.41	---	---	6
7	---	---	---	---	0.837	0.828	3.88	3.01	1.87	1.41	---	---	7
8	---	---	---	---	0.838	8.58	3.69	2.71	1.80	1.40	---	---	8
9	---	---	---	---	0.837	7.22	3.48	2.83	1.87	1.41	---	---	9
10	---	---	---	---	0.870	5.86	3.38	2.82	1.87	1.38	---	---	10
11	---	---	---	---	0.808	5.12	3.40	2.84	1.88	1.31	---	---	11
12	---	---	---	---	0.877	4.58	3.26	2.83	1.81	1.28	---	---	12
13	---	---	---	---	0.731	4.27	3.03	2.41	1.48	1.28	---	---	13
14	---	---	---	---	0.726	3.82	2.85	2.33	1.48	1.22	---	---	14
15	---	---	---	---	0.712	3.84	2.76	2.30	1.42	1.28	---	---	15
16	---	---	---	---	0.734	3.33	2.84	2.88	1.81	1.28	---	---	16
17	---	---	---	---	0.735	3.20	2.48	3.81	1.80	1.21	---	---	17
18	---	---	---	---	0.782	3.00	2.45	3.42	1.88	1.18	---	---	18
19	---	---	---	---	0.723	2.77	2.32	3.20	1.85	1.14	---	---	19
20	---	---	---	---	0.715	2.85	2.15	3.13	1.49	1.12	---	---	20
21	---	---	---	---	0.707	2.48	2.08	3.05	1.81	1.08	---	---	21
22	---	---	---	---	0.888	2.36	2.00	2.73	1.48	1.18	---	---	22
23	---	---	---	---	0.880	2.23	1.91	2.47	1.48	1.10	---	---	23
24	---	---	---	---	0.873	2.11	1.80	2.32	1.84	1.07	---	---	24
25	---	---	---	0.894A	0.848	2.02	1.88	2.23	1.81	1.04	---	---	25
26	---	---	---	0.802B	0.828	1.95	1.84	2.18	1.80	1.04	---	---	26
27	---	---	---	0.835	0.801	1.87	1.82	2.04	1.84	0.984	---	---	27
28	---	---	---	0.830	0.881	2.02	1.71	1.95	1.84	0.942	---	---	28
29	---	---	---	0.836	0.824	2.22	1.88	1.90	1.48	0.838B	---	---	29
30	---		---	0.895	0.804	2.22	1.88	1.83	1.84	0.852	---	---	30
31	---		---		0.867		1.88	1.81		0.867A		---	31
TOTAL	---	---	---	---	19.531	81.989	74.89	80.90	48.18	37.811	---	---	TOTAL
MEAN	---	---	---	---	0.830	2.72	2.42	2.80	1.84	1.22	---	---	MEAN
MAX	---	---	---	---	0.782	7.22	4.20	3.81	1.72	1.80	---	---	MAX
MIN	---	---	---	---	0.821	0.817	1.88	1.81	1.42	0.838	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 7.22 ON JUN 9
MINIMUM DAILY, 0.817 ON JUN 4
MAXIMUM INSTANTANEOUS,
11.1 AT 07:55 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 55 N
LONG 115 58 30 W
DRAINAGE AREA, 348 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 470
FEB	---	AUG	6 980
MAR	---	SEP	3 980
APR	---	OCT	3 270
MAY	1 880	NOV	---
JUN	7 080	DEC	---

TOTAL DISCHARGE, 29 400 dam³

NORTH SASKATCHEWAN RIVER AT EDMONTON - STATION NO. 05DF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	144 B	84.1B	101 B	1388	141	182	201	124	158	204	148	108 B	1
2	145 B	75.4B	118 B	1388	111	184	208	117	151	226	170	117 B	2
3	114 B	82.6B	138 B	1438	80.7	143	180	122	140	188	188	117 B	3
4	112 B	85.7B	133 B	1478	111	141	178	177	150	173	177	116 B	4
5	92.6B	88.6B	141 B	1518	117	138	213	177	121	175	182	122 B	5
6	80.2B	90.4B	134 B	1548	132	100	208	178	118	182	178	132 B	6
7	92.6B	86.6B	135 B	1738	126	103	481	186	140	208	123	142 B	7
8	88.8B	85.4B	121 B	1888	143	137	443	180	185	209	128	142 B	8
9	92.0B	85.7B	82.0B	1888	101	188	332	180	188	188	135	137 B	9
10	89.7B	85.8B	135 B	1888	103	271	289	178	213	175	118	136 B	10
11	82.3B	84.1B	127 B	1588	124	398	227	188	189	187	1388	135 B	11
12	76.8B	88.2B	133 B	163	181	328	207	187	175	183	1328	106 B	12
13	72.8B	87.7B	140 B	161	178	285	338	188	143	183	1428	110 B	13
14	98.0B	74.1B	149 B	184	188	273	353	180	188	204	1278	110 B	14
15	95.2B	78.8B	105 B	177	187	244	249	170	184	181	1208	135 B	15
16	114 B	88.8B	109 B	208	187	238	229	144	188	185	1418	135 B	16
17	102 B	85.7B	127 B	248	188	204	218	188	188	187	1488	121 B	17
18	116 B	84.7B	113 B	204	205	208	194	280	174	181	1458	117 B	18
19	97.0B	86.6B	117 B	158	185	201	173	228	180	189	1448	110 B	19
20	82.8B	88.2B	127 B	180	122	186	158	217	177	220	1398	88.0B	20
21	83.4B	86.1B	124 B	204	112	188	171	278	203	200	1188	100 B	21
22	74.8B	103 B	118 B	194	100	188	188	228	212	181	1358	105 B	22
23	87.8B	102 B	111 B	172	84.4	182	178	218	188	188	1388	105 B	23
24	96.0B	105 B	128 B	188	83.8	183	267	207	183	182	1338	117 B	24
25	95.2B	96.8B	121 B	130	87.7	123	118	188	200	182	1288	122 B	25
26	92.7B	89.8B	118 B	133	120	138	118	188	201	188	1188	122 B	26
27	96.8B	84.8B	135 B	131	134	167	150	177	181	181	1108	122 B	27
28	78.4B	104 B	140 B	137	187	172	143	174	228	185	1058	80.0B	28
29	76.8B	98.1B	135 B	148	188	172	151	147	187	183	1038	80.0B	29
30	93.2B		132 B	148	140	183	118	188	171	178	1018	80.0B	30
31	87.8B		132 B		147		131	187		100		102 B	31
TOTAL	2 833.2	2 558.7	3 851.0	4 900	4 181.7	5 811	6 573	5 789	5 328	5 829	4 975	3 607.0	TOTAL
MEAN	94.6	88.2	124	163	135	194	212	187	178	188	138	116	MEAN
MAX	145	105	149	248	205	398	451	328	228	228	182	142	MAX
MIN	88.8	82.6	82.0	130	83.8	100	118	117	115	100	101	80.0	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 152
MAXIMUM DAILY, 451 ON JUL 7
MINIMUM DAILY, 82.6B ON FEB 3
MAXIMUM INSTANTANEOUS,
573 AT 22:10 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 15 N
LONG 113 29 04 W
DRAINAGE AREA, 28 000 km²
B - ICE CONDITIONS

REGULATED SINCE 1960

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	253 000	JUL	588 000
FEB	221 000	AUG	581 000
MAR	333 000	SEP	480 000
APR	423 000	OCT	504 000
MAY	362 000	NOV	252 000
JUN	502 000	DEC	313 000

TOTAL DISCHARGE, 4 780 000 dam³

NORTH SASKATCHEWAN RIVER AT WHIRLPOOL POINT - STATION NO. 05DA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.938	3.418	4.268	4.488	18.1	84.8	140	158	118	51.8	18.8	11.8 B	1
2	3.308	3.888	3.888	4.888	18.0	88.8	128	131	130	55.1	23.1	11.8 B	2
3	2.888	3.828	3.888	5.078	18.3	84.1	136	128	148	48.0	21.4	8.888	3
4	2.858	4.038	3.888	4.878	18.4	81.2	127	140	185	44.8	18.8	2.868	4
5	2.888	4.298	3.888	4.808	14.8	88.7	123	188	188	45.1	17.7	8.358	5
6	2.888	4.868	3.878	4.788	14.8	118	142	188	170	48.1	20.7	8.808	6
7	2.788	4.728	4.078	4.888	14.3	221	122	141	185	47.8	18.4	8.448	7
8	2.888	4.568	3.878	4.388	15.7	288	121	131	108	48.0	14.8	8.428	8
9	3.078	4.478	3.818	4.248	20.8	230	138	148	82.4	44.4	14.0	8.608	9
10	3.228	4.148	3.718	4.828	29.3	178	148	181	71.7	43.8	14.8	8.788	10
11	3.448	4.128	3.888	5.538	35.0	148	172	153	81.2	48.0	18.8	8.788	11
12	3.628	4.008	4.448	5.788	48.8	118	188	141	88.8	48.2	14.7	8.808	12
13	3.788	3.998	3.788	6.52	77.4	100	187	142	87.7	48.1	13.3	8.488	13
14	3.878	3.438	3.808	7.58	84.1	105	133	148	88.4	51.1	9.41	8.188	14
15	4.038	3.318	3.878	8.52	88.8	128	114	180	81.8	48.2	8.888	7.788	15
16	3.868	3.318	3.828	12.8	88.8	152	100	143	84.8	48.1	8.928	8.088	16
17	3.878	3.328	3.798	16.8	88.4	184	94.3	180	82.8	33.2	10.2 B	8.288	17
18	3.768	3.428	3.858	24.8	81.8	188	80.4	151	48.1	28.1	10.8 B	8.208	18
19	3.808	3.808	4.128	28.3	80.8	181	88.0	137	44.7	27.1	11.3 B	7.888	18
20	3.818	4.188	4.388	28.2	44.0	182	120	118	40.1	28.4	11.4 B	7.788	20
21	3.828	3.888	4.458	28.8	40.7	183	148	107	38.3	23.8	10.8 B	7.588	21
22	4.088	3.828	4.208	26.3	48.8	188	188	104	33.8	28.4	10.7 B	7.328	22
23	4.348	3.888	4.378	26.1	74.8	208	142	118	32.8	24.8	10.8 B	7.188	23
24	4.808	4.128	4.488	28.8	83.8	202	131	138	31.7	23.8	8.838	8.818	24
25	4.748	4.488	4.088	22.2	83.1	172	188	182	30.4	21.8	8.728	8.838	25
26	5.028	4.438	4.148	18.8	77.8	187	174	183	28.2	22.4	8.508	8.988	26
27	5.088	4.418	4.188	18.4	77.8	228	181	153	27.3	18.8	8.488	8.748	27
28	4.828	4.408	4.128	18.4	73.7	228	183	187	28.2	18.8	8.838	8.878	28
29	4.388	4.338	4.088	20.7	74.8	207	182	183	25.7	18.4	8.878	8.788	29
30	3.708		4.178	20.8	71.1	188	177	182	40.4	18.3	10.2 B	8.818	30
31	3.338		4.178		88.2		174	122		18.8		8.518	31
TOTAL	115.43	118.48	128.44	420.75	1 847.8	4 738.5	4 395.7	4 448	2 242.8	1 112.2	388.82	283.31	TOTAL
MEAN	3.72	4.02	4.05	14.0	48.8	158	142	144	74.8	35.8	12.3	8.17	MEAN
MAX	5.05	4.72	4.48	28.3	83.8	288	181	181	170	81.8	23.1	11.8	MAX
MIN	2.88	3.31	3.87	4.24	14.3	84.1	80.4	104	25.7	18.4	8.41	8.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.4
MAXIMUM DAILY, 288 ON JUN 8
MINIMUM DAILY, 2.888 ON JAN 4
MAXIMUM INSTANTANEOUS,
297 AT 08:48 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 08 N
LONG 118 28 10 W
DRAINAGE AREA, 1 820 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 870	JUL	380 000
FEB	10 100	AUG	384 000
MAR	10 800	SEP	194 000
APR	36 400	OCT	88 100
MAY	134 000	NOV	34 800
JUN	408 000	DEC	21 800

TOTAL DISCHARGE, 1 720 000 dam³

NORTH SASKATCHEWAN RIVER BELOW BIGHORN PLANT - STATION NO. 05DC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	71.7	38.8	48.1	78.7	84.7	90.8	81.7	78.8	38.7	48.3	88.8	81.8	1
2	43.7	38.8	48.2	82.8	88.4	82.8	132	72.7	78.8	47.4	108	78.5	2
3	88.4	38.8	88.0	82.2	73.8	80.8	114	81.0	73.8	82.4	108	80.4	3
4	83.2	38.4	53.7	74.8	88.0	78.8	128	101	70.2	81.8	72.8	80.0	4
5	78.0	38.2	84.8	73.1	88.3	87.8	88.8	87.8	82.8	84.4	80.8	74.8	5
6	82.7	38.1	48.8	82.8	84.8	70.2	70.4	83.8	124	78.8	78.7	84.3	6
7	87.8	38.8	88.3	88.0	74.8	84.0	81.2	70.8	128	87.8	88.7	84.7	7
8	78.0	38.1	84.8	88.0	87.0	118	88.7	84.2	123	80.8	78.8	88.3	8
9	88.8	38.1	48.8	88.8	82.7	181	70.4	88.1	108	71.2	82.8	88.8	9
10	47.8	38.8	48.2	83.1	111	182	72.8	80.8	72.3	77.3	73.2	88.8	10
11	73.0	38.7	88.1	80.8	108	142	87.7	80.8	88.2	82.4	78.3	88.7	11
12	70.2	42.8	48.8	88.4	108	122	80.3	88.8	87.0	88.4	80.8	78.8	12
13	72.7	41.8	52.3	84.8	101	138	78.8	81.7	77.8	82.1	78.2	78.8	13
14	83.8	43.0	48.8	83.0	118	114	87.8	81.1	88.1	82.7	74.1	74.0	14
15	87.1	40.0	81.4	87.8	101	83.8	83.8	83.0	87.1	83.8	78.8	87.1	15
16	48.4	47.1	48.8	82.3	30.0	111	81.8	82.3	82.8	77.8	73.7	88.4	16
17	48.8	48.8	47.8	71.2	0.311	111	88.2	88.8	104	103	81.8	87.4	17
18	43.8	81.7	80.3	78.1	0.311	88.8	88.1	81.0	88.1	108	72.2	88.8	18
19	80.1	81.8	80.8	102	0.263	111	88.3	81.8	117	84.3	77.1	78.3	19
20	37.0	82.8	48.8	88.8	0.311	121	74.4	71.8	81.8	88.4	84.7	71.4	20
21	38.4	82.8	48.8	74.0	78.2	82.1	80.0	78.7	88.2	88.1	81.8	77.4	21
22	37.8	84.0	48.7	84.3	83.3	33.4	83.8	84.8	88.0	82.4	83.8	78.8	22
23	37.8	88.8	82.8	80.1	77.8	72.8	74.3	81.0	87.3	84.3	88.8	81.8	23
24	38.8	88.7	83.0	88.2	83.8	108	70.4	82.0	101	82.0	87.8	88.7	24
25	38.3	83.2	82.3	88.8	88.4	112	87.8	88.0	88.8	82.0	78.2	80.2	25
26	38.2	83.1	83.2	81.4	102	82.7	82.8	88.2	80.1	84.0	74.7	82.4	26
27	37.8	83.8	72.8	84.1	88.3	114	88.2	87.4	47.8	84.4	77.1	73.8	27
28	38.8	82.4	84.8	87.8	81.8	120	88.2	83.0	82.4	47.8	77.8	88.8	28
29	37.8	83.4	83.8	73.2	81.8	122	84.8	83.8	122	108	78.8	82.4	29
30	38.8		82.8	82.8	102	108	78.2	83.8	44.3	80.3	78.8	88.0	30
31	38.0		48.8		88.1		78.8	88.8		88.7		84.4	31
TOTAL	1 888.3	1 380.0	1 828.2	2 138.3	2 308.818	3 018.3	2 832.4	2 384.3	2 830.3	2 841.7	2 421.0	2 308.3	TOTAL
MEAN	81.8	47.8	82.8	71.2	74.4	101	84.8	77.2	87.7	82.0	80.7	74.4	MEAN
MAX	78.0	83.8	72.8	102	118	182	128	101	128	108	108	88.7	MAX
MIN	37.0	38.2	48.8	82.8	0.263	33.4	83.8	81.0	38.7	47.4	88.7	87.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.8
MAXIMUM DAILY, 182 ON JUN 10
MINIMUM DAILY, 0.263 ON MAY 18
MAXIMUM INSTANTANEOUS,
172 AT 18:00 MST ON JUN 24

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 38 N
LONG 118 18 21 W
DRAINAGE AREA, 3 880 km²

REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	138 000	JUL	227 000
FEB	120 000	AUG	207 000
MAR	141 000	SEP	227 000
APR	185 000	OCT	220 000
MAY	188 000	NOV	208 000
JUN	281 000	DEC	188 000

TOTAL DISCHARGE, 2 330 000 dam³

NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE - STATION NO. 05DE008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	2.884	2.858	2.628	---	2.813	---	---	1
2	---	---	---	---	---	2.838	2.868	2.808	---	2.875	---	---	2
3	---	---	---	---	---	2.848	2.700	2.788	---	2.731	---	---	3
4	---	---	---	---	2.311A	2.388	2.781	2.822	---	2.738	---	---	4
5	---	---	---	---	2.828	2.330	2.869	2.782	---	2.844	---	---	5
6	---	---	---	---	2.832	2.491	2.788	2.803	---	2.847	---	---	6
7	---	---	---	---	2.401	2.858	2.818	2.733	---	2.809	---	---	7
8	---	---	---	---	2.348	2.888	2.832	2.713	---	2.747	---	---	8
9	---	---	---	---	2.488	3.247	2.782	2.708	---	2.741	---	---	9
10	---	---	---	---	2.875	3.439	2.702	2.674	---	2.775	---	---	10
11	---	---	---	---	2.843	3.202	2.728	2.583	---	2.808	---	---	11
12	---	---	---	---	2.788	3.078	2.837	2.742	2.745A	2.774	---	---	12
13	---	---	---	---	2.704	3.028	2.874	2.881	2.875	2.782	---	---	13
14	---	---	---	---	2.702	2.871	2.840	2.852	2.887	2.788	---	---	14
15	---	---	---	---	2.817	2.888	2.730	2.891	2.888	2.777	---	---	15
16	---	---	---	---	2.747	2.788	2.888	2.812	2.880	2.782	---	---	16
17	---	---	---	---	2.802	2.782	2.818	---	2.820	2.780	---	---	17
18	---	---	---	---	2.801	2.782	2.878	---	2.782	2.880	---	---	18
19	---	---	---	---	2.448	2.848	2.701	---	2.818	2.844	---	---	19
20	---	---	---	---	2.318	2.841	2.884	---	2.788	2.812	---	---	20
21	---	---	---	---	2.384	2.801	2.873	---	2.727	2.788	---	---	21
22	---	---	---	---	2.085	2.873	2.784	---	2.748	2.885	---	---	22
23	---	---	---	---	2.383	2.803	2.828	---	2.788A	2.772	---	---	23
24	---	---	---	---	2.488	2.448	2.384	---	---	2.788	---	---	24
25	---	---	---	---	2.882	2.832	2.875	---	---	2.788	---	---	25
26	---	---	---	---	2.828	2.880	2.847	---	---	2.781	---	---	26
27	---	---	---	---	2.888	2.888	2.888	---	2.871A	2.787	---	---	27
28	---	---	---	---	2.888	2.733	2.488	---	2.881	2.771	---	---	28
29	---	---	---	---	2.823	2.717	2.478	---	2.852	2.448	---	---	29
30	---		---	---	2.848	2.788	2.478	---	2.872	2.838	---	---	30
31	---		---		2.844		2.483	---		2.830A		---	31
MEAN	---	---	---	---	---	2.748	2.672	---	---	2.783	---	---	MEAN
MAX	---	---	---	---	---	3.439	2.832	---	---	2.880	---	---	MAX
MIN	---	---	---	---	---	2.330	2.384	---	---	2.449	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.439 ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 03 06 N
LONG 115 12 33 W

A - MANUAL GAUGE

REGULATED SINCE 1980

DRAINAGE AREA,
20 500 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 765.049 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NORTH SASKATCHEWAN RIVER NEAR ROCKY MOUNTAIN HOUSE - STATION NO. 05DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	71.1	107	148	111	108	88.0	121	---	1
2	---	---	---	---	87.8	114	128	151	122	102	122	---	2
3	---	---	---	---	78.1	102	148	147	117	97.3	141	---	3
4	---	---	---	---	88.4	83.8	158	133	113	103	130	---	4
5	---	---	---	---	84.5	86.2	148	103	108	130	107	---	5
6	---	---	---	---	104	100	174	138	130	137	115	---	6
7	---	---	---	---	80.8	130	188	168	184	128	103	---	7
8	---	---	---	---	82.8	185	170	147	180	112	84.1	---	8
9	---	---	---	---	78.3	247	183	135	180	121	103	---	9
10	---	---	---	---	115	246	137	128	143	112	108	---	10
11	---	---	---	---	135	225	182	140	123	118	86.7	---	11
12	---	---	---	---	130	203	183	134	116	118	110	---	12
13	---	---	---	78.4A	142	181	189	134	138	108	108	---	13
14	---	---	---	86.4	137	177	138	127	118	118	98.4	---	14
15	---	---	---	81.7	148	183	140	108	138	128	100	---	15
16	---	---	---	118	130	140	141	148	138	118	---	---	16
17	---	---	---	128	88.4	187	122	180	138	121	---	---	17
18	---	---	---	108	38.2	182	122	187	188	138	---	---	18
19	---	---	---	124	35.2	147	114	173	142	141	---	---	19
20	---	---	---	130	34.0	148	113	158	184	131	---	---	20
21	---	---	---	123	33.2	182	102	182	148	127	---	---	21
22	---	---	---	107	82.0	108	117	148	143	128	---	---	22
23	---	---	---	86.3	88.8	78.8	81.8	128	134	128	---	---	23
24	---	---	---	103	101	107	101	132	144	127	---	---	24
25	---	---	---	78.8	114	138	83.7	134	180	132	---	---	25
26	---	---	---	87.3	113	148	118	133	180	128	---	---	26
27	---	---	---	86.7	122	118	110	117	84.8	128	---	---	27
28	---	---	---	87.2	108	143	88.4	118	83.8	123	---	---	28
29	---	---	---	100	111	184	100	123	143	82.4	---	---	29
30	---		---	88.8	112	187	118	128	182	138	---	---	30
31	---		---		123		107	127		123		---	31
TOTAL	---	---	---	---	2 871.8	4 274.3	4 045.0	4 350	4 058.3	3 723.7	---	---	TOTAL
MEAN	---	---	---	---	88.8	148	130	140	138	120	---	---	MEAN
MAX	---	---	---	---	148	248	174	180	184	141	---	---	MAX
MIN	---	---	---	---	33.2	78.8	81.8	108	83.8	82.4	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 136
MAXIMUM DAILY, 248 ON JUN 10
MINIMUM DAILY, 33.2 ON MAY 21
MAXIMUM INSTANTANEOUS,
282 AT 17:17 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 22 51 N
LONG 114 56 21 W
DRAINAGE AREA, 11 000 km²
A - MANUAL GAUGE

REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	348 000
FEB	---	AUG	378 000
MAR	---	SEP	351 000
APR	---	OCT	322 000
MAY	257 000	NOV	---
JUN	378 000	DEC	---

TOTAL DISCHARGE, 2 030 000 dam³

NOSE CREEK NEAR THE MOUTH - STATION NO. 05EM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4008	0.578	0.212	0.269	0.131	12.6	0.150	0.202	---	---	1
2	---	---	0.4008	0.903	0.191	0.393	0.197	3.86	0.137	0.192	---	---	2
3	---	---	0.4008	1.24	0.183	0.429	0.800	1.07	0.122	0.218	---	---	3
4	---	---	0.4008	0.893	0.205	1.14	0.376	0.679	0.135	0.220	---	---	4
5	---	---	0.4008	0.998	0.384	1.88	3.11	0.678	0.141	0.202	---	---	5
6	---	---	0.4008	0.745	0.221	0.124	0.583	0.886	0.143	0.196	---	---	6
7	---	---	0.4008	0.681	0.205	1.10	0.193	0.447	0.183	0.212	---	---	7
8	---	---	0.4058	0.732	0.232	2.11	0.128	0.236	0.180	0.181	---	---	8
9	---	---	0.482	0.846	0.245	1.31	0.072	0.247	0.180	0.158	---	---	9
10	---	---	0.186	0.884	0.261	0.491	0.120	0.338	0.713	0.208	---	---	10
11	---	---	0.225	0.857	0.244	0.478	0.043	5.88	0.388	0.225	---	---	11
12	---	---	0.293	0.852	0.218	0.416	0.031	0.686	0.136	0.280	---	---	12
13	---	---	0.337	0.802	0.243	0.388	0.024	0.377	0.113	0.271	---	---	13
14	---	---	2.03	0.385	0.263	0.121	0.040	0.217	0.114	0.258	---	---	14
15	---	---	0.848	0.388	0.286	0.108	0.048	0.198	0.134	0.382	---	---	15
16	---	---	0.814	0.424	0.311	0.088	0.057	4.80	0.301	0.420	---	---	16
17	---	---	0.861	0.488	0.327	0.115	0.081	2.26	0.231	0.434	---	---	17
18	---	---	0.780	0.438	0.320	0.180	0.086	0.807	0.186	0.424	---	---	18
19	---	---	0.618	0.471	0.376	0.126	0.067	0.488	0.287	0.413	---	---	19
20	---	---	0.505	0.385	0.368	0.109	0.090	7.83	0.388	0.278	---	---	20
21	---	---	0.408	0.388	0.477	0.102	0.088	2.80	0.137	0.248	---	---	21
22	---	---	0.308	0.371	0.488	0.096	0.102	1.48	0.141	0.183	---	---	22
23	---	---	0.148	0.343	0.480	0.103	0.132	0.893	0.848	0.158	---	---	23
24	---	---	0.437	0.376	0.840	0.106	0.141	0.634	0.892	0.136	---	---	24
25	---	---	0.484	0.382	0.711	0.100	0.233	0.480	0.810	0.141A	---	---	25
26	---	---	0.804	0.268	0.624	0.086	0.211	0.341	0.181	0.180E	---	---	26
27	---	---	0.826	0.184	0.597	0.248	0.203	0.281	0.208	0.180E	---	---	27
28	---	---	0.662	0.212	0.516	0.822	0.226	0.287	0.288	0.180E	---	---	28
29	---	---	0.880	0.201	0.885	1.84	0.304	0.226	0.260	0.180E	---	---	29
30	---		0.833	0.204	1.28	2.99	0.208	0.188	0.269	0.180E	---	---	30
31	---		0.853		0.257		0.810	0.188		0.180E		---	31
TOTAL	---	---	16.826	15.738	12.185	17.544	8.583	52.382	8.488	7.280	---	---	TOTAL
MEAN	---	---	0.548	0.524	0.383	0.588	0.276	1.68	0.283	0.235	---	---	MEAN
MAX	---	---	2.03	1.24	1.28	2.99	3.11	12.6	0.931	0.434	---	---	MAX
MIN	---	---	0.148	0.184	0.183	0.089	0.024	0.188	0.112	0.138	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.575
MAXIMUM DAILY, 12.6 ON AUG 1
MINIMUM DAILY, 0.024 ON JUL 13
MAXIMUM INSTANTANEOUS,
32.5 AT 19:45 MST ON AUG 16

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 00 N
LONG 114 01 00 W
DRAINAGE AREA, 868 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	740
FEB	---	AUG	4 520
MAR	1 480	SEP	734
APR	1 380	OCT	629
MAY	1 050	NOV	---
JUN	1 520	DEC	---

TOTAL DISCHARGE, 9 180 dam³

NOTIKEWIN RIVER AT MANNING - STATION NO. 07HC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0508	0 B	0.0108	0.2108	52.2	88.8	187	11.3	5.87	2.88	2.058	1.84 B	1
2	0.0408	0 B	0.0058	0.2088	50.4	88.5	315	10.1	6.26	2.91	2.108	1.80 B	2
3	0.0358	0 B	0 B	0.3348	48.7	83.1	304	8.18	6.16	3.08	2.238	1.44 B	3
4	0.0308	0 B	0 B	0.3848	34.8	82.4	183	8.31	5.83	3.24	2.138	1.37 B	4
5	0.0288	0 B	0 B	0.3178	32.2	28.4	127	7.47	6.31	3.40	2.148	1.34 B	5
6	0.0208	0 B	0 B	0.3488	29.8	31.1	115	7.09	5.57	3.38	2.178	1.30 B	6
7	0.0108	0 B	0 B	0.3728	27.4	33.2	104	8.70	4.92	3.16	2.178	1.28 B	7
8	0.0058	0 B	0.0058	0.5248	26.4	52.3	88.8	8.38	4.43	2.96	2.028	1.00 B	8
9	0.0028	0 B	0.0588	0.7848	23.1	82.0	73.8	6.18	4.02	2.78	1.888	0.8808	9
10	0 B	0 B	0.0858	1.17 B	22.7	70.4	80.6	7.24	3.70	2.71	2.088	0.7328	10
11	0 B	0 B	0.2058	1.84 B	22.0	87.8	81.0	8.80	3.40	2.63	2.148	0.8808	11
12	0 B	0 B	0.1888	1.63 B	21.4	82.8	48.1	8.38	3.21	2.64	2.138	1.03 B	12
13	0 B	0 B	0.2098	2.08 B	20.8	82.8	78.8	8.13	3.16	2.44	2.138	0.8818	13
14	0 B	0 B	0.2528	2.18 B	20.8	88.8	187 A	8.80	3.10	2.37	2.088	0.8708	14
15	0 B	0 B	0.3488	3.08 B	26.8	81.8	208 A	12.1	3.10	2.34	2.088	0.8878	15
16	0 B	0 B	0.2848	4.88 B	111	42.2	164	13.8	3.02	2.29	2.088	0.7428	16
17	0 B	0 B	0.1788	7.01 B	140	34.7	133	13.1	2.94	2.25	2.088	0.6868	17
18	0 B	0 B	0.0988	9.28 B	110	28.1	107	13.7	3.03	2.23	2.088	0.6478	18
19	0 B	0 B	0.0888	17.6 B	82.8	24.8	88.8	14.4	3.15	2.26	2.088	0.7538	19
20	0 B	0.0028	0.1048	26.8 B	64.2	21.0	69.0	16.1	3.16	2.33	2.038	0.8048	20
21	0 B	0.0058	0.1488	32.0 B	51.5	17.9	58.5	24.0	3.28	2.348	2.038	0.7848	21
22	0 B	0.0108	0.9748	36.1 B	42.4	16.2	48.2	23.7	3.38	2.278	1.978	0.7538	22
23	0 B	0.0208	0.1808	37.6 B	35.6	13.6	38.3	20.3	3.36	2.038	1.928	0.7328	23
24	0 B	0.0258	0.1488	34.3	32.7	11.8	33.0	17.1	3.18	1.788	1.838	0.7018	24
25	0 B	0.0108	0.1488	34.6	36.0	10.5	28.0	14.7	3.17	1.888	1.748	0.6808	25
26	0 B	0 B	0.1788	38.8	36.8	9.34	24.8	12.8	3.18	2.028	1.688	0.6868	26
27	0 B	0.0058	0.1808	40.5	34.8	8.40	21.5	11.0	3.15	1.838	1.818	0.6808	27
28	0 B	0.0208	0.1948	42.5	30.4	7.70	18.8	9.74	3.13	1.398	1.808	0.6808	28
29	0 B	0.0158	0.1828	45.8	28.0	8.22	16.1	8.78	3.03	1.648	1.588	0.6808	29
30	0 B		0.2068	47.7	26.2	8.68	14.1	7.87	2.92	2.048	1.578	0.6508	30
31	0 B		0.2008		122		12.8	7.14		2.118		0.6488	31
TOTAL	0.217	0.112	4.167	470.870	1 448.3	1 193.61	2 813.8	388.77	117.85	75.31	59.41	28.104	TOTAL
MEAN	0.007	0.004	0.134	15.7	46.8	39.8	84.0	11.8	3.93	2.43	1.88	0.907	MEAN
MAX	0.050	0.025	0.348	47.7	140	88.8	315	24.0	6.83	3.40	2.33	1.84	MAX
MIN	0	0	0	0.208	20.8	7.70	12.8	6.18	2.92	1.38	1.57	0.698	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 315 ON JUL 2
MINIMUM DAILY, 05 ON JAN 10
MAXIMUM INSTANTANEOUS,
388 AT 04:00 MST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 55 10 N
LONG 117 37 05 W
DRAINAGE AREA, 4 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18.7	JUL	252 000
FEB	8.88	AUG	30 800
MAR	360	SEP	10 200
APR	40 700	OCT	6 810
MAY	128 000	NOV	5 130
JUN	103 000	DEC	2 430

TOTAL DISCHARGE, 578 000 dam³

OLDMAN RIVER NEAR BROCKET - STATION NO. 05AA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.20B	2.10B	5.60B	6.61	37.6	86.2	28.3	11.2	7.44	11.2	8.06	12.0 B	1
2	4.80B	2.10B	5.78B	8.07	34.7	76.6	27.1	10.1	7.32	11.3	8.19	11.6 B	2
3	4.58B	2.15B	6.21B	11.2	31.7	68.6	26.0	10.6	7.18	11.2	10.0	11.0 B	3
4	3.99B	2.20B	6.30B	12.7	31.6	68.1	26.6	14.6	7.01	11.2	10.1	10.6 B	4
5	3.91B	2.36B	6.14	10.6	35.2	76.7	26.2	13.1	7.11	10.7	9.65	9.51B	5
6	3.73B	2.90B	5.79	10.1	41.0	83.3	27.6	12.3	7.00	10.6	8.59	8.77B	6
7	3.77B	2.80B	5.61	17.0	46.1	82.4	28.6	12.2	6.46	10.0	13.3	7.68B	7
8	3.78B	3.60B	5.71	18.1	47.7	126	22.9	12.7	6.36	9.70	13.0 B	8.78B	8
9	3.59B	3.78B	6.86	16.2	54.4	120	21.2	12.0	6.53	9.86	11.1 B	8.67B	9
10	3.48B	4.00B	7.13	14.0	66.7	103	20.2	11.1	6.61	9.41	10.6 B	8.20B	10
11	3.50B	4.15B	6.65	14.0	85.0	84.6	18.8	10.6	7.31	9.02	11.3 B	8.06B	11
12	3.70B	4.45B	6.16	15.8	102	86.4	18.8	10.7	7.52	8.86	11.4 B	8.41B	12
13	3.78B	4.60B	6.37	19.7	122	78.1	18.6	10.6	7.01	8.66	10.6 B	8.26B	13
14	4.20B	4.75B	6.56	21.5	116	70.6	17.6	10.1	6.70	8.16	10.7 B	8.64B	14
15	4.45B	4.90B	6.70	25.7	96.4	65.6	17.1	9.91	6.36	8.36	8.81B	8.93B	15
16	4.50B	4.80B	6.46	34.6	85.5	62.7	16.7	10.6	8.19	8.83	8.78B	2.85B	16
17	4.47B	5.00B	6.22	42.8	80.6	62.4	16.3	8.96	8.64	11.3	8.66B	4.61B	17
18	4.43B	5.20B	6.70	47.8	88.4	61.7	15.8	10.0	7.67	12.2	9.48B	5.80B	18
19	4.36B	5.50B	6.63	50.6	76.1	58.1	15.6	9.45	7.56	11.1	9.14B	9.12B	19
20	4.31B	5.80B	7.06	48.8	70.0	55.0	14.6	9.43	7.80	10.4	8.72B	8.48B	20
21	4.04B	5.70B	8.03	46.6	65.4	51.1	13.8	9.65	7.88	10.1	8.21B	8.25B	21
22	4.44B	5.60B	8.02	41.1	66.3	46.3	12.9	9.62	7.23	10.1	10.8 B	8.20B	22
23	4.47B	5.40B	7.28	36.6	76.2	46.5	12.6	8.96	6.84	9.92	10.5 B	4.67B	23
24	4.10B	5.34B	8.70	35.9	88.5	43.2	12.5	8.65	7.62	9.87	8.64B	4.76B	24
25	3.80B	5.76B	8.07	34.1	84.6	40.6	12.1	8.28	8.02	8.38	8.19B	4.83B	25
26	3.85B	5.80B	8.21	36.6	78.8	38.0	11.8	8.06	10.3	8.41	8.62B	4.98B	26
27	4.08B	6.10B	7.40	36.6	77.1	36.0	11.3	10.3	12.6	10.3	3.11B	5.20B	27
28	4.34B	6.21B	7.87	36.7	76.0	35.1	11.1	8.40	11.1	9.01	4.67B	5.10B	28
29	4.15B	5.85B	8.85	31.7	81.0	36.1	10.8	8.86	10.6	7.32	8.01B	5.32B	29
30	3.80B		8.32	36.3	83.0	32.4	10.6	7.91	10.7	8.83	10.2 B	5.51B	30
31	3.00B		8.24		81.3		10.3	7.48		8.57		6.38B	31
TOTAL	126.83	126.53	200.04	787.96	2 226.3	2 062.8	553.7	331.45	234.07	305.82	280.00	226.00	TOTAL
MEAN	4.09	4.43	6.45	26.6	71.8	66.6	17.9	10.7	7.80	9.86	9.33	7.29	MEAN
MAX	5.20	6.21	8.03	50.6	122	126	28.3	14.6	12.6	12.2	13.3	12.0	MAX
MIN	3.00	2.10	5.22	6.61	31.6	32.4	10.3	7.48	6.19	7.32	3.11	3.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.3
MAXIMUM DAILY, 126 ON JUN 8
MINIMUM DAILY, 2.10B ON FEB 1
MAXIMUM INSTANTANEOUS,
135 AT 13:15 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 27 N
LONG 113 49 20 W
DRAINAGE AREA, 4 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 000	JUL	47 800
FEB	11 100	AUG	28 600
MAR	17 300	SEP	20 200
APR	68 800	OCT	26 400
MAY	183 000	NOV	24 200
JUN	173 000	DEC	19 500

TOTAL DISCHARGE, 841 000 dam³

OLDMAN RIVER NEAR LETHBRIDGE - STATION NO. 05AD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.40B	7.41B	19.3B	12.8	8.17	83.7	8.98	6.73	4.62	8.13	26.4	9.47B	1
2	8.20B	8.88B	20.6B	12.1	8.46	83.8	8.27	10.8	4.72	14.4	20.2	13.1 B	2
3	8.10B	8.88B	17.7B	11.6	8.56	86.0	8.86	11.1	4.78	17.0	17.3	16.2 B	3
4	8.01B	8.71B	16.0B	12.2	7.90	90.2	8.53	11.4	4.78	17.7	16.6	15.9 B	4
5	7.80B	8.86B	15.7B	14.2	8.80	48.0	8.98	8.80	4.72	18.2	16.1	16.4 B	5
6	7.80B	8.40B	15.4B	15.3	7.34	82.8	7.56	8.85	4.85	13.4	15.8	15.5 B	6
7	7.30B	8.85B	16.3B	15.0	8.29	80.0	7.12	7.72	4.40	11.1	15.3	16.8 B	7
8	8.80B	7.33B	17.3B	13.8	12.4	72.0	8.90	7.30A	4.62	10.6	14.6 B	11.6 B	8
9	8.50B	8.17B	17.5	20.7	17.4	108	8.32	7.11E	4.81	10.4	14.0 B	8.98B	9
10	8.20B	8.84B	14.9	21.5	19.3	109	8.90	8.68E	8.17	10.2	13.0 B	14.3 B	10
11	8.00B	10.5 B	15.5	18.9	24.8	93.0	8.36	8.68A	7.20	8.73	14.2 B	14.5 B	11
12	8.80B	10.7 B	12.4	17.9	48.8	82.8	8.68A	8.46	7.88	8.84	18.6 B	14.9	12
13	8.60B	10.6 B	14.2	17.7	73.8	74.8	8.84	8.51	8.13	10.7	18.5 B	15.7	13
14	8.80B	10.8 B	14.0	20.1	85.0	66.4	8.10	8.17	7.88	10.8	14.0 B	14.4 B	14
15	8.90B	11.5 B	14.1	22.1	80.3	58.8	4.90	8.87	7.07	10.8	13.1 B	10.1 B	15
16	8.10B	12.3 B	13.8	22.0	73.3	61.6	4.84	8.33	8.92	11.4	13.1 B	8.98B	16
17	8.40B	13.1 B	12.1	21.8	69.0	48.8	4.89	8.98	8.06	11.6	12.4 B	8.40B	17
18	8.71B	13.7 B	13.0	20.8	68.6	41.6	4.82	8.70	8.46	11.8	12.6 B	8.37B	18
19	7.20B	14.1 B	11.8	30.8	60.3	37.4	4.86	8.86	7.87	13.1	12.0 B	8.62B	19
20	7.85B	15.0 B	12.8	30.0	49.3	33.8	4.90	8.22	7.86	18.0	10.2 B	7.86B	20
21	8.68B	15.5 B	13.4	28.3	40.4	27.1	5.34	7.74	7.30	22.3	12.1 B	8.38B	21
22	8.08B	16.2 B	13.8	25.6	34.2	20.0	5.06	7.83	8.69	37.8	12.1 B	8.66B	22
23	8.71B	17.0 B	14.3	22.2	33.8	12.8	5.16	7.92	8.22	40.6	12.6 B	8.66B	23
24	8.12B	17.2 B	14.3	18.6	43.4	8.86	5.17	8.69	8.86	40.4	12.4 B	8.25B	24
25	8.30B	17.8 B	13.8	11.8	58.7	8.14	5.17	8.07	8.86	40.4	10.2 B	8.43B	25
26	8.18B	18.6 B	13.4	9.26	56.6	8.36	5.44	8.82	8.58	40.2	8.36B	8.66B	26
27	8.04B	21.1 B	14.7	9.16	46.8	4.44	5.60	8.02	8.43	40.7	8.35B	8.47B	27
28	8.97B	21.2 B	13.0	11.8	44.1	8.14	5.32	8.87	8.85	38.0 B	4.64B	8.78B	28
29	8.60B	21.1 B	14.1	9.98	48.4	8.98	5.22	8.48	8.86	34.0 B	8.13B	8.84B	29
30	8.62B		14.1	8.01	47.8	10.4	5.24	8.26	8.87	33.0 B	7.77B	8.81B	30
31	8.00B		13.6		58.3		4.90	4.83		32.2		7.04B	31
TOTAL	236.16	368.44	463.4	533.61	1 248.14	1 377.23	180.20	220.85	177.16	648.00	396.47	322.31	TOTAL
MEAN	7.62	12.4	14.9	17.8	40.3	45.9	5.81	7.12	5.91	20.9	13.2	10.4	MEAN
MAX	8.90	21.2	20.6	30.8	88.0	108	8.98	11.4	8.13	40.6	26.4	16.4	MAX
MIN	6.80	6.71	11.8	8.01	8.17	4.44	4.84	4.83	4.40	8.13	4.64	6.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 108 ON JUN 10
MINIMUM DAILY, 4.40 ON SEP 7
MAXIMUM INSTANTANEOUS,
116 AT 15:10 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 30 N
LONG 112 52 30 W
DRAINAGE AREA, 17 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 400	JUL	15 600
FEB	31 100	AUG	19 100
MAR	40 000	SEP	15 300
APR	48 100	OCT	58 000
MAY	108 000	NOV	34 300
JUN	119 000	DEC	27 800

TOTAL DISCHARGE, 533 000 dam³

OLDMAN RIVER NEAR THE MOUTH - STATION NO. 05AG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.008	8.308	21.58	13.4	14.8	62.7	18.4	10.3	10.5	11.1	36.1	15.1 B	1
2	8.408	8.008	21.18	12.8	14.8	64.8	18.3	12.3	10.6	10.7	34.8	15.0 B	2
3	7.808	8.808	20.88	11.2	13.7	66.8	18.8	17.2	11.0	11.3	27.0	14.3 B	3
4	7.178	8.808	20.48	10.2	14.1	62.8	17.8	20.8	11.0	19.8	22.0	14.4 B	4
5	8.808	9.008	20.08	9.88	16.4	86.1	18.1	17.2	11.7	23.8	19.1	14.3 B	5
6	8.808	8.308	19.78	9.84	15.8	82.3	14.8	16.2	12.8	25.0	18.1	15.0 B	6
7	8.108	8.808	19.38	11.8	13.7	86.8	16.8	15.3	11.8	24.1	17.7	17.8 B	7
8	8.808	7.208	18.88	13.7	14.2	78.8	17.3	14.2	12.2	21.4	17.1	17.7 B	8
9	8.808	8.008	18.88	12.8	15.0	86.1	18.7	12.8	12.3	18.8	17.0	17.4 B	9
10	8.708	8.138	18.28	12.2	16.1	112	15.3	11.7	12.1	18.4	18.4	17.0 B	10
11	8.708	8.208	17.88	17.8	33.7	113	14.8	12.8	13.3	18.8	18.3	16.8 B	11
12	8.808	8.708	17.58	17.8	24.8	88.1	13.8	12.8	14.8	17.2	18.1	16.4 B	12
13	8.808	10.3 B	17.08	18.2	36.8	87.3	13.1	11.8	16.8	14.8	16.0 B	16.0 B	13
14	8.108	11.0 B	16.78	15.7	87.8	80.3	14.1	11.7	15.7	12.8	13.0 B	15.8 B	14
15	8.808	11.8 B	16.38	18.8	81.0	71.8	12.8	12.3	16.1	13.4	10.0 B	15.8 B	15
16	7.208	12.8 B	16.08	17.7	82.0	84.7	11.8	12.8	14.7	14.2	7.828	15.8 B	16
17	8.008	13.8 B	15.88	18.8	77.8	87.7	10.7	12.0	14.3	14.7	7.848	14.8 B	17
18	8.208	14.4 B	15.8	19.8	84.3	81.4	11.2	11.3	14.8	14.4	8.008	14.4 B	18
19	8.858	15.2 B	13.8	22.0	80.0	47.4	11.8	11.1	14.2	14.7	8.008	13.8 B	19
20	8.708	15.7 B	13.7	30.8	88.3	44.1	11.4	11.1	14.8	14.2	18.0 B	12.8 B	20
21	8.808	16.8 B	12.4	32.8	86.8	41.7	11.3	11.8	14.7	14.8	28.0 B	10.0 B	21
22	8.708	17.3 B	12.8	31.3	48.7	38.4	10.2	13.8	15.1	15.8	30.2 B	8.808	22
23	8.808	17.8 B	13.3	29.7	42.7	29.3	9.40	14.3	14.8	26.8	30.8 B	7.808	23
24	8.408	16.8 B	13.3	27.8	37.8	23.8	10.2	14.2	14.1	42.1	30.8 B	8.808	24
25	8.008	16.8 B	13.8	26.2	43.0	16.8	10.1	13.8	13.7	43.8	28.0 B	8.808	25
26	8.618	20.0 B	13.8	21.0	58.2	16.7	10.3	13.3	13.1	42.8	22.0 B	8.808	26
27	8.208	20.8 B	12.4	17.2	64.3	13.1	9.87	12.8	12.8	42.8	18.0 B	7.008	27
28	7.808	21.8 B	12.3	14.1	64.7	12.8	10.4	11.8	12.8	43.1	10.0 B	7.208	28
29	7.408	21.7 B	13.2	13.2	60.2	20.8	10.7	11.2	12.1	42.3	8.438	7.808	29
30	7.008		12.3	14.8	62.0	20.1	10.3	11.0	11.8	40.8	10.0 B	7.808	30
31	8.708		13.2		64.8		9.80	10.8		38.8		8.218	31
TOTAL	236.13	383.83	500.8	535.73	1 315.8	1 648.2	409.67	405.1	386.8	729.4	582.28	411.37	TOTAL
MEAN	7.62	12.8	16.2	17.8	42.4	54.8	13.2	13.1	12.3	23.8	18.7	13.3	MEAN
MAX	9.40	21.7	21.8	32.8	83.0	113	18.8	20.8	16.8	43.1	36.1	18.4	MAX
MIN	8.70	8.80	12.3	9.88	12.7	12.8	9.80	10.3	10.8	10.7	8.43	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.8
MAXIMUM DAILY, 113 ON JUN 11
MINIMUM DAILY, 8.708 ON JAN 10
MAXIMUM INSTANTANEOUS,
122 AT 13:80 MST ON JUN 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 08 N
LONG 111 43 00 W
DRAINAGE AREA, 27 500 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 400	JUL	35 400
FEB	31 400	AUG	35 000
MAR	43 300	SEP	34 500
APR	46 300	OCT	63 000
MAY	114 000	NOV	48 500
JUN	142 900	DEC	35 500

TOTAL DISCHARGE, 849 000 dam³

OLDMAN RIVER NEAR WALDRON'S CORNER - STATION NO. 05AA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.398	1.188	1.828	2.788	8.88	26.5	8.74	4.85	2.98	3.37	3.35	2.078	1
2	1.378	1.218	1.808	3.22	7.70	23.2	8.21	7.03	2.98	3.33	3.56	1.948	2
3	1.338	1.258	1.818	3.63	7.18	21.4	8.51	8.08	2.94	3.32	3.88	1.608	3
4	1.238	1.258	1.858	3.28	7.48	21.8	8.04	5.28	2.81	3.31	3.41	1.718	4
5	1.348	1.248	1.908	2.87	8.40	26.5	8.43	4.95	2.82	3.28	3.22	1.848	5
6	1.388	1.288	1.858	3.10	10.3	27.6	8.78	4.67	2.88	3.23	3.38	1.488	6
7	1.378	1.288	1.818	3.74	10.7	34.4	8.20	4.83	2.88	3.18	3.04	1.488	7
8	1.348	1.248	1.858	3.38	11.2	54.2	7.38	4.81	2.88	3.12	2.728	1.488	8
9	1.378	1.228	1.788	3.07	15.1	49.7	6.80	4.61	2.87	3.09	2.848	1.488	9
10	1.408	1.218	1.728	3.28	20.7	41.8	6.86	4.28	3.00	3.08	2.308	1.808	10
11	1.348	1.388	1.728	3.41	28.5	38.8	6.87	4.18	3.18	3.02	2.638	1.788	11
12	1.388	1.498	1.718	4.08	31.0	32.5	6.78	4.14	3.18	3.00	2.678	2.088	12
13	1.408	1.518	1.708	4.41	34.8	29.4	6.41	3.97	3.11	2.97	2.738	2.188	13
14	1.468	1.538	1.808	4.78	30.0	28.5	6.20	3.81	3.08	2.93	2.448	2.028	14
15	1.508	1.588	1.738	5.80	24.8	24.3	6.04	3.74	2.98	2.96	2.188	1.858	15
16	1.478	1.508	1.668	7.81	21.0 E	22.8	5.92	3.73	2.96	2.86	2.188	1.788	16
17	1.448	1.558	1.638	10.4	24.2 E	22.2	5.87	3.63	3.15	2.77	2.738	1.678	17
18	1.428	1.508	1.628	13.2	23.8 A	20.8	5.72	3.58	3.25	2.38	2.688	2.188	18
19	1.408	1.558	1.668	14.0	19.8	19.4	5.66	3.51	3.23	2.18	2.558	1.978	19
20	1.418	1.608	1.728	12.7	16.5	17.6	5.37	3.51	3.38	3.14	2.688	1.278	20
21	1.448	1.588	1.788	10.8	17.1	16.3	5.12	3.75	3.33	3.08	2.708	1.488	21
22	1.488	1.618	1.838	8.84	16.2	15.3	4.91	3.45	3.27	3.13	2.588	1.448	22
23	1.428	1.448	1.888	7.75	22.7	14.1	4.78	3.28	3.22	3.08	2.348	1.278	23
24	1.408	1.388	1.948	8.28	25.4	13.0	4.88	3.15	3.26	3.00	1.838	1.288	24
25	1.488	1.488	1.868	8.85	21.8	12.1	4.54	3.08	3.43	2.87	1.388	1.388	25
26	1.518	1.608	1.738	8.06	20.2	11.4	4.43	3.13	4.33	3.128	1.248	1.288	26
27	1.588	1.688	1.718	8.36	20.2	10.8	4.31	3.18	3.95	3.168	1.128	1.428	27
28	1.618	1.608	1.888	7.07	19.3	10.6	4.28	3.13	3.67	2.988	1.858	1.508	28
29	1.428	1.768	2.078	8.86	22.1	10.8	4.19	3.08	3.48	2.688	1.748	1.608	29
30	1.308		1.838	10.4	23.0	8.58	4.00	2.88	3.38	3.188	1.888	1.518	30
31	1.188		2.888		28.3		3.81	2.88		3.33		1.388	31
TOTAL	43.46	41.78	55.88	194.48	601.22	703.88	190.84	124.34	98.26	87.88	78.88	50.88	TOTAL
MEAN	1.40	1.44	1.81	6.48	19.4	23.5	6.18	4.01	3.21	3.18	2.58	1.63	MEAN
MAX	1.58	1.80	2.88	14.0	34.8	54.2	8.78	7.03	4.33	3.77	3.84	2.18	MAX
MIN	1.18	1.18	1.82	2.78	7.18	8.58	3.81	2.88	2.88	2.88	1.12	1.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.22
MAXIMUM DAILY, 54.2 ON JUN 8
MINIMUM DAILY, 1.128 ON NOV 27
MAXIMUM INSTANTANEOUS,
80.8 AT 07:48 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 50 N
LONG 114 11 00 W
DRAINAGE AREA, 1 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 700	JUL	10 500
FEB	3 610	AUG	10 700
MAR	4 540	SEP	8 320
APR	10 300	OCT	8 480
MAY	51 300	NOV	6 830
JUN	60 600	DEC	4 370

TOTAL DISCHARGE, 197 000 dam³

ONETREE CREEK NEAR PATRICIA - STATION NO. 05CJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.015B	0.130B	0.618	3.08	4.62	3.74	1.28	0.632	0.190E	---	1
2	---	---	0.034B	0.140B	0.434	2.18	3.14	4.87	1.19	0.808	0.180E	---	2
3	---	---	0.050B	0.150B	0.506	1.89	3.24	5.08	1.32	0.841	0.131A	---	3
4	---	---	0.055B	0.270B	0.782	2.34	3.34	4.34	1.47	0.886	---	---	4
5	---	---	0.045B	0.220A	0.603	2.48	2.77	3.57	1.56	1.11	---	---	5
6	---	---	0.040B	0.183A	0.680	3.14	2.73	3.53	1.86	1.82	---	---	6
7	---	---	0.050B	0.190E	0.686	2.78	2.28	3.59	1.86	2.08	---	---	7
8	---	---	0.070B	0.200E	1.21	6.09	1.88	3.64	1.87	2.07	---	---	8
9	---	---	0.100B	0.180E	1.08	13.0	2.08	3.10	1.99	1.90	---	---	9
10	---	---	0.120B	0.140E	1.20	6.21	1.83	2.78	2.28	1.78	---	---	10
11	---	---	0.150B	0.110E	1.50	3.60	1.58	2.67	2.77	1.83	---	---	11
12	---	---	0.180B	0.085E	1.80	2.74	1.82	2.87	2.61	1.81	---	---	12
13	---	---	0.155B	0.090E	1.90	1.65	1.54	2.51	2.11	1.75	---	---	13
14	---	---	0.145B	0.085E	2.12	0.881	1.50	2.38	2.00	1.76	---	---	14
15	---	---	0.130B	0.080E	2.10	0.476A	1.46	2.60	1.93	1.83	---	---	15
16	---	---	0.110B	0.230E	1.88	0.347E	1.56	2.61	2.08	1.41	---	---	16
17	---	---	0.094B	0.220E	1.83	0.517A	1.48	2.78	1.67	1.43	---	---	17
18	---	0B	0.090B	0.170E	1.82	0.441A	2.07	2.57	1.68	1.33	---	---	18
19	---	0B	0.100B	0.140E	2.10	0.638	1.87	2.40	1.70	1.75	---	---	19
20	---	0B	0.110B	0.135E	1.87	0.787	2.10	2.47	1.82	1.47	---	---	20
21	---	0B	0.120B	0.125E	2.13	1.20	2.42	2.48	1.35	1.24	---	---	21
22	---	0B	0.135B	0.120E	2.37	1.38	2.69	2.87	1.13	0.811	---	---	22
23	---	0B	0.155B	0.160E	2.23	1.49	2.60	2.33	1.04	0.703	---	---	23
24	---	0B	0.175B	0.230E	2.30	1.31	2.72	2.00	0.872	0.751	---	---	24
25	---	0B	0.190B	0.285E	2.43	1.68	2.76	1.85	0.672	0.659	---	---	25
26	---	0B	0.140B	0.350E	2.25	1.38	2.72	1.61	0.770	0.381	---	---	26
27	---	0B	0.100B	0.400A	2.08	1.60	2.78	1.51	0.700	0.317	---	---	27
28	---	0B	0.075B	0.501A	2.38	1.64	2.76	1.29	0.685	0.280	---	---	28
29	---	0B	0.100B	0.550A	3.05	4.31	2.70	1.25	0.651	0.259A	---	---	29
30	---		0.111B	0.578A	3.41	6.24	2.83	1.08	0.648	0.228A	---	---	30
31	---		0.225B		3.10		3.18	1.11		0.218A		---	31
TOTAL	---	---	3.358	6.464	54.779	75.676	75.11	83.47	46.946	35.105	---	---	TOTAL
MEAN	---	---	0.108	0.215	1.77	2.52	2.42	2.69	1.53	1.13	---	---	MEAN
MAX	---	---	0.225	0.578	3.4[illegible]	13.0	4.62	5.08	2.77	2.08	---	---	MAX
MIN	---	---	0.015	0.080	0.434	0.347	1.46	1.08	0.648	0.218	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.55
MAXIMUM DAILY, 13.0 ON JUN 9
MINIMUM DAILY, 0.015B ON MAR 1
MAXIMUM INSTANTANEOUS,
15.6 AT 03:02 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 00 N
LONG 111 41 15 W
DRAINAGE AREA, 495 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	6 490
FEB	---	AUG	7 210
MAR	290	SEP	3 970
APR	558	OCT	3 030
MAY	4 730	NOV	---
JUN	6 540	DEC	---

TOTAL DISCHARGE, 32 800 dam³

OWL RIVER BELOW PICHE RIVER - STATION NO. 07CA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.625B	1.27B	5.32	3.86	6.35	3.27	2.37	1.62	1.60B	---	1
2	---	---	0.625B	1.26B	5.14	3.80	6.93	3.22	2.28	1.60	1.62B	---	2
3	---	---	0.625B	1.27B	4.87	4.01	7.00	3.13	2.26	1.48	---	---	3
4	---	---	0.620B	1.35B	4.57	4.00	6.67	2.93	2.06	1.50	---	---	4
5	---	---	0.620B	1.37B	4.43	4.20	6.77	2.62	1.81	1.52	---	---	5
6	---	---	0.625B	1.51B	4.13	4.56	6.89	2.37	1.61	1.52	---	---	6
7	---	---	0.630B	1.60B	4.60	4.89	6.66	2.18	1.49	1.53	---	---	7
8	---	---	0.635B	1.66B	4.42	5.17	7.05	2.13	1.37	1.62	---	---	8
9	---	---	0.651B	1.77B	4.38	5.22	6.99	2.01	1.30	1.55	---	---	9
10	---	---	0.690B	1.84B	4.28	5.78	6.62	1.88	1.25	1.53	---	---	10
11	---	---	0.710B	2.22B	4.17	5.63	6.56	1.74	1.21	1.52	---	---	11
12	---	---	0.730B	2.29B	4.32	6.59	6.28	1.68	1.19	1.51	---	---	12
13	---	---	0.760B	2.49B	4.84	7.12	6.03	1.68	1.18	1.50	---	---	13
14	---	---	0.800B	3.08B	5.05	7.80	5.83	1.63	1.21	1.49	---	---	14
15	---	---	0.850B	4.26B	5.45	7.78	6.33	1.53	1.17	1.50	---	---	15
16	---	---	0.884B	6.63B	6.11	7.79	6.89	2.41	1.07	1.48	---	---	16
17	---	---	1.07 B	8.09B	6.55	7.54	7.44	3.02	1.09	1.60	---	---	17
18	---	---	1.01 B	8.23B	6.56	6.85	7.68	3.01	1.09	1.51	---	---	18
19	---	---	1.02 B	7.62B	6.70	6.57	7.70	3.11	1.14	1.52	---	---	19
20	---	---	0.994B	6.51	6.71	6.27	7.60	3.03	1.20	1.56	---	---	20
21	---	---	0.964B	6.19	6.87	5.88	7.38	2.97	1.22	1.66	---	---	21
22	---	---	0.949B	6.05	6.50	5.70	6.99	3.34	1.24	1.70	---	---	22
23	---	---	0.895B	6.06	6.33	5.49	6.54	3.35	1.24	1.63	---	---	23
24	---	---	0.863B	5.96	6.11	5.03	6.10	3.32	1.29	1.60	---	---	24
25	---	---	0.877B	6.02	5.60	4.90	5.85	3.33	1.35	1.67	---	---	25
26	---	---	1.06 B	6.11	5.53	4.30	5.32	3.14	1.30A	1.63B	---	---	26
27	---	---	1.04 B	6.22	4.72	4.15	4.78	2.89	1.45E	1.37B	---	---	27
28	---	---	1.03 B	6.50	4.56	4.53	4.38	2.64	1.50E	1.28B	---	---	28
29	---	---	1.04 B	5.96	4.40	4.28	3.96	2.51	1.62E	1.22B	---	---	29
30	---		1.05 B	6.63	4.28	5.61	3.63	2.46	1.63A	1.40B	---	---	30
31	---		1.12 B		4.14		3.42	2.43		1.63B		---	31
TOTAL	---	---	26.376	126.90	161.5[illegible]	165.1[illegible]	194.87	80.96	43.08	48.27	---	---	TOTAL
MEAN	---	---	0.851	4.23	5.21	5.50	6.29	2.61	1.44	1.56	---	---	MEAN
MAX	---	---	1.12	8.23	6.71	7.79	7.70	3.35	2.37	1.67	---	---	MAX
MIN	---	---	0.620	1.27	4.13	3.80	3.42	1.53	1.07	1.22	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.45
MAXIMUM DAILY, 8.23B ON APR 18
MINIMUM DAILY, 0.620B ON MAR 4
MAXIMUM INSTANTANEOUS,
10.7 AT 08:15 MST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 00 35 N
LONG 111 51 15 W
DRAINAGE AREA, 2 080 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	16 800
FEB	---	AUG	6 990
MAR	2 280	SEP	3 720
APR	11 000	OCT	4 170
MAY	14 000	NOV	---
JUN	14 300	DEC	---

TOTAL DISCHARGE, 73 300 dam³

PADDLE RIVER AT BARRHEAD - STATION NO. 07SB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0088	0.5848	0.118	0.050	5.41	0.342	0.383	0.140	0.083A	---	1
2	---	---	0.0088	0.5848	0.143	0.050	5.88	0.270	0.388	0.140	---	---	2
3	---	---	0.0088	0.5288	0.174	0.045	5.80	0.387	0.381	0.140	---	---	3
4	---	---	0.0088	0.5428	0.183	0.184	5.12	0.436	0.380	0.130	---	---	4
5	---	---	0.0088	0.4238	0.278	0.045	5.08	0.529	0.381	0.130	---	---	5
6	---	---	0.0088	0.3858	0.281	0.045	7.41	0.644	0.418	0.120	---	---	6
7	---	---	0.0088	0.3708	0.261	0.050	17.8	0.521	0.827	0.120	---	---	7
8	---	---	0.1008	0.310	0.274	0.095	38.3	0.451	0.548	0.110	---	---	8
9	---	---	0.1108	0.248	0.188	0.228	38.4	0.564	0.559	0.110	---	---	9
10	---	---	0.1208	0.277	0.085	0.583	26.6	0.775	0.509	0.100	---	---	10
11	---	---	0.1308	0.323	0.085	5.39	21.7	0.756	0.525	0.100	---	---	11
12	---	---	0.1508	0.238	0.085	3.32	18.3	0.606	0.481	0.100	---	---	12
13	---	---	0.1608	0.234	0.202	2.84	16.3	0.494	0.443	0.090	---	---	13
14	---	---	0.1708	0.244	0.594	3.08	15.1	0.481	0.488	0.080	---	---	14
15	---	---	0.1808	0.445	0.986	2.69	18.8	0.429	0.505	0.080	---	---	15
16	---	---	0.1908	0.552	0.630	3.05	22.1	0.386	0.504	0.075	---	---	16
17	---	---	0.2108	0.458	0.050	2.18	21.7	0.350	0.368	0.082	---	---	17
18	---	---	0.2208	0.355	0.048	5.26	21.0	0.485	0.341	0.075	---	---	18
19	---	---	0.2308	0.341	0.047	5.12	20.4	0.566	0.348	0.075	---	---	19
20	---	---	0.2408	0.803	0.045	4.98	19.8	0.836	0.290	0.072	---	---	20
21	---	---	0.2508	0.528	0.045	4.81	19.3	0.851	0.295	0.154	---	---	21
22	---	---	0.2708	0.347	0.045	4.14	13.8	0.738	0.338	0.374	---	---	22
23	---	0.0088	0.2888	0.272	0.045	2.25	3.20	0.784	0.248	0.381	---	---	23
24	---	0.0088	0.2988	0.240	0.045	2.20	1.80	0.620	0.230	0.231	---	---	24
25	---	0.0088	0.3188	0.172	0.043	1.63	1.79	0.526	0.220	0.183	---	---	25
26	---	0.0088	0.3458	0.088	0.050	1.02	1.84	0.595	5.210	0.154	---	---	26
27	---	0.0088	0.3988	0.168	0.088	0.702	1.81	0.585	6.200	0.131	---	---	27
28	---	0.0088	0.5348	0.248	0.174	0.791	1.19	0.530	6.180	0.118	---	---	28
29	---	0.0088	0.5488	0.184	0.249	2.12	0.840	0.382	6.180	0.088	---	---	29
30	---		0.5388	0.122	0.283	5.38	0.618	0.352	6.180	0.074	---	---	30
31	---		0.5288		0.050		0.370	0.424		0.081		---	31
TOTAL	---	---	5.561	10.385	5.838	85.276	400.278	16.580	10.926	3.880	---	---	TOTAL
MEAN	---	---	0.212	0.345	0.188	2.18	12.9	0.535	0.364	0.125	---	---	MEAN
MAX	---	---	0.545	0.824	0.986	5.39	38.4	0.836	0.559	0.374	---	---	MAX
MIN	---	---	0.008	0.088	0.043	0.045	0.370	0.342	0.150	0.081	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.13
MAXIMUM DAILY, 38.4 ON JUL 8
MINIMUM DAILY, 0.0088 ON MAR 1
MAXIMUM INSTANTANEOUS,
42.8 AT 03:40 MST ON JUL 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 06 45 N
LONG 114 23 55 W
DRAINAGE AREA, 2 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	34 800
FEB	---	AUG	1 430
MAR	557	SEP	944
APR	888	OCT	342
MAY	504	NOV	---
JUN	5 940	DEC	---

TOTAL DISCHARGE, 44 800 dam³

PADDLE RIVER AT HIGHWAY NO. 754 - STATION NO. 07SB013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	3.906	---	---	---	4.021	3.880	3.880A	---	1
2	---	---	---	---	3.897	---	---	---	4.024	3.886	---	---	2
3	---	---	---	---	3.934	---	---	---	4.023	3.886	---	---	3
4	---	---	---	---	3.924	---	---	---	4.017	3.887	---	---	4
5	---	---	---	4.080A	3.914	---	---	---	4.010	3.874	---	---	5
6	---	---	---	4.130	3.906	---	---	---	4.012	3.880	---	---	6
7	---	---	---	4.110	3.886	---	---	---	4.011	3.884	---	---	7
8	---	---	---	4.086	3.886	---	7.000A	---	4.008	3.944	---	---	8
9	---	---	---	4.064	3.886	---	6.486A	---	4.008	3.937	---	---	9
10	---	---	---	4.093	3.879	---	---	---	4.010	3.931	---	---	10
11	---	---	---	4.088	3.877	---	---	---	4.014	3.930	---	---	11
12	---	---	---	4.066	3.886	---	---	---	4.008	3.943	---	---	12
13	---	---	---	4.089	3.945	---	5.852A	---	4.005	3.927	---	---	13
14	---	---	---	4.063	4.086	---	5.483	---	4.006	3.937	---	---	14
15	---	---	---	4.048	4.036	---	5.057	---	4.006	3.934	---	---	15
16	---	---	---	4.010	3.978	---	5.958	---	4.010	3.939	---	---	16
17	---	---	---	4.001	3.971	---	5.887A	---	4.013	3.917	---	---	17
18	---	---	---	3.998	3.970	---	---	3.870A	4.015	3.913	---	---	18
19	---	---	---	4.030	3.952	---	---	4.002	4.004	3.886	---	---	19
20	---	---	---	4.000	3.935	---	---	4.045	4.001	4.034	---	---	20
21	---	---	---	3.992	3.927	4.815A	---	4.060	3.999	4.002	---	---	21
22	---	---	4.180A	3.984	3.910	4.288	5.718A	4.068	3.972	3.986	---	---	22
23	---	4.340A	---	3.971	3.891	4.204	---	4.060	3.930	3.967	---	---	23
24	---	---	---	3.952	3.881	4.134	---	4.041	3.896	3.956	---	---	24
25	---	---	---	3.956	3.898	3.976	3.988A	4.052	3.887	3.936	---	---	25
26	---	---	---	3.951	3.884	3.952	4.178A	4.084	3.916	3.924	---	---	26
27	---	---	---	3.938	3.911	3.961	4.088A	4.081	3.923	3.976	---	---	27
28	---	---	---	3.925	3.927	4.016	4.067A	4.040	3.936	3.904	---	---	28
29	---	---	---	3.922	3.928	4.488	---	4.027	3.943	3.904	---	---	29
30	---		---	3.918	3.953	4.724	---	4.026	3.952	3.921	---	---	30
31	---		---		3.970A		---	4.018		3.943		---	31
MEAN	---	---	---	---	3.925	---	---	---	3.987	3.943	---	---	MEAN
MAX	---	---	---	---	4.088	---	---	---	4.024	4.034	---	---	MAX
MIN	---	---	---	---	3.884	---	---	---	3.887	3.878	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 02 54 N
LONG 114 40 12 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
1 720 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PADDLE RIVER NEAR ANSELMO - STATION NO. 07BB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1378	0.2608	0.178	0.470	0.828	0.123	0.167	0.258	0.130	---	1
2	---	---	0.1228	0.4378	0.227	0.396	0.840	0.123	0.140	0.235	0.128	---	2
3	---	---	0.1258	0.4488	0.207	0.218	0.522	0.124	0.131	0.227	0.145A	---	3
4	---	---	0.1378	0.3768	0.189	0.192	0.488	0.126	0.126	0.224	---	---	4
5	---	---	0.1508	0.3778	0.167	0.193	0.434	0.123	0.121	0.228	---	---	5
6	---	---	0.1558	0.3228	0.161	0.206	14.6 A	0.188	0.114	0.208	---	---	6
7	---	---	0.1508	0.2728	0.148	0.232	36.2 A	0.436	0.108	0.188	---	---	7
8	---	---	0.1508	0.2908	0.148	0.350	14.3	0.390	0.110	0.181	---	---	8
9	---	---	0.1508	0.3158	0.141	1.83	5.82	0.273	0.108	0.177	---	---	9
10	---	---	0.1678	0.3278	0.178	3.07	3.36	0.280	0.110	0.178	---	---	10
11	---	---	0.1778	0.3328	0.204	2.26	2.28	0.282	0.172	0.175	---	---	11
12	---	---	0.1708	0.4108	0.250	2.02	1.88	0.245	0.138	0.161	---	---	12
13	---	---	0.2008	0.4408	0.271	2.36	1.25	0.223	0.130	0.156	---	---	13
14	---	---	0.1908	0.3008	0.227	1.74	1.10	0.248	0.118	0.155	---	---	14
15	---	---	0.2058	0.3208	0.241	1.16	0.918	0.255	0.114	0.162	---	---	15
16	---	---	0.2128	0.2758	0.312	0.848	0.688	0.248	0.117	0.168	---	---	16
17	---	---	0.1878	0.2648	0.284	0.888	0.487	0.551	0.168	0.173	---	---	17
18	---	---	0.1208	0.2288	0.221	0.513	0.377	0.847	0.178	0.185	---	---	18
19	---	---	0.1718	0.330	0.188	0.418	0.345	0.610	0.174	0.179	---	---	19
20	---	---	0.2888	0.357	0.148	0.380	0.332	0.621	0.158	0.188	---	---	20
21	---	---	0.3488	0.381	0.138	0.333	0.288	0.612	0.183	0.207	---	---	21
22	---	---	0.4068	0.330	0.178	0.338	0.267	0.825	0.204	0.178	---	---	22
23	---	---	0.3438	0.292	0.125	0.350	0.188	0.644	0.188	0.188	---	---	23
24	---	---	0.2808	0.288	0.113	0.802	0.185	0.328	0.187	0.182	---	---	24
25	---	---	0.2818	0.284	0.113	0.855	0.174	0.274	0.170	0.182	---	---	25
26	---	---	0.2458	0.238	0.123	0.810	0.188	0.231	0.283	0.188	---	---	26
27	---	---	0.2328	0.208	0.138	1.31	0.180	0.210	0.388	0.148	---	---	27
28	---	---	0.2018	0.177	0.127	2.88	0.140	0.197	0.348	0.144	---	---	28
29	---	0.1438	0.1838	0.163	0.128	2.34	0.128	0.183	0.307	0.133	---	---	29
30	---		0.1278	0.152	0.167	1.80	0.124	0.181	0.271	0.133	---	---	30
31	---		0.1478		0.458		0.121	0.184		0.138		---	31
TOTAL	---	---	5.177	9.205	5.887	31.884	88.878	9.870	5.213	5.523	---	---	TOTAL
MEAN	---	---	0.188	0.307	0.190	1.07	2.87	0.313	0.174	0.178	---	---	MEAN
MAX	---	---	0.488	0.448	0.458	3.07	36.2	0.812	0.388	0.288	---	---	MAX
MIN	---	---	0.128	0.152	0.113	0.192	0.121	0.123	0.108	0.130	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.883
MAXIMUM DAILY, 36.2A ON JUL 7
MINIMUM DAILY, 0.108 ON SEP 8
MAXIMUM INSTANTANEOUS,
47.7 AT 08:20 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 51 28 N
LONG 115 21 48 W
DRAINAGE AREA, 281 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 7 880	
FEB	---	AUG 835	
MAR	534	SEP 450	
APR	795	OCT 477	
MAY	809	NOV ---	
JUN 2 780		DEC ---	

TOTAL DISCHARGE, 14 000 dam³

PADDLE RIVER NEAR ROCHFORT BRIDGE - STATION NO. 07BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0028	0 B	0	0.150	4.83	0.093	0.213	0.122	0.013	---	1
2	---	---	0.0018	0 B	0	0.185	4.83	0.090	0.208	0.116	0.010	---	2
3	---	---	0 B	0 B	0	0.168	4.67	0.086	0.203	0.110	0.006A	---	3
4	---	---	0 B	0 B	0	0.175	4.82	0.085	0.200	0.104	---	---	4
5	---	---	0 B	0.0048	0	0.198	3.90	0.082	0.197	0.070	---	---	5
6	---	---	0 B	0.0048	0	0.187	4.87	0.087	0.184	0.073	---	---	6
7	---	---	0 B	0.0048	0	0.191	5.12	0.078	0.185	0.075	---	---	7
8	---	---	0 B	0.0038	0	0.184	5.87	0.077	0.182	0.075	---	---	8
9	---	---	0 B	0.0028	0	0.238	12.1	0.078	0.187	0.077	---	---	9
10	---	---	0 B	0.0028	0	0.208	12.1	0.083	0.178	0.078	---	---	10
11	---	---	0 B	0.0018	0	0.238	12.0	0.082	0.175	0.080	---	---	11
12	---	---	0 B	0	0.288	0.228	11.8	0.111	0.172	0.085	---	---	12
13	---	---	0 B	0	0.288	0.233	11.8	0.118	0.168	0.085	---	---	13
14	---	---	0 B	0	0.074	0.898	14.4	0.117	0.182	0.083	---	---	14
15	---	---	0 B	0	0.088	0.584	17.3	0.128	0.158	0.083	---	---	15
16	---	---	0 B	0	0.085	2.33	17.1	0.130	0.152	0.081	---	---	16
17	---	---	0 B	0	0.083	4.18	16.9	0.123	0.147	0.080	---	---	17
18	---	---	0 B	0	0.080	4.20	16.6	0.129	0.138	0.078	---	---	18
19	---	---	0 B	0	0.080	4.18	16.5	0.141	0.138	0.072	---	---	19
20	---	---	0.0178	0	0.080	4.14	16.2	0.185	0.103	0.068	---	---	20
21	---	---	0.0188	0	0.082	2.39	8.33	0.181	0.082	0.084	---	---	21
22	---	---	0.0188	0	0.084	1.38	0.180	0.181	0.088	0.087	---	---	22
23	---	---	0.0188	0	0.080	0.772	0.137	0.182	0.102	0.084	---	---	23
24	---	---	0.2228	0	0.077	0.888	0.438	0.282	0.110	0.080	---	---	24
25	---	---	0.1068	0	0.117	0.881	0.811	0.238	0.108	0.045	---	---	25
26	---	0.1818	0.0188	0	0.121	0.086	0.418	0.238	0.108	0.041	---	---	26
27	---	0.0388	0 B	0	0.128	0.093	0.381	0.238	0.111	0.038	---	---	27
28	---	0.0068	0 B	0	0.127	1.88	0.114	0.228	0.118	0.031	---	---	28
29	---	0.0038	0 B	0	0.132	4.30	0.107	0.228	0.118	0.024	---	---	29
30	---		0 B	0	0.142	4.88	0.102	0.230	0.122	0.021	---	---	30
31	---		0 B		0.138		0.097	0.223		0.017		---	31
TOTAL	---	---	0.413	0.020	2.111	38.284	227.085	4.455	4.830	2.145	---	---	TOTAL
MEAN	---	---	0.013	0.001	0.068	1.31	7.32	0.144	0.161	0.069	---	---	MEAN
MAX	---	---	0.222	0.004	0.288	4.88	17.3	0.282	0.213	0.122	---	---	MAX
MIN	---	---	0	0	0	0.081	0.087	0.078	0.082	0.017	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.14
MAXIMUM DAILY, 17.3 ON JUL 16
MINIMUM DAILY, 0B ON MAR 3
MAXIMUM INSTANTANEOUS,
17.6 AT 14:52 MST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 44 N
LONG 115 02 27 W
DRAINAGE AREA, 835 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 10 800	
FEB	---	AUG 385	
MAR	35.7	SEP 381	
APR	1.73	OCT 185	
MAY	182	NOV ---	
JUN 3 390		DEC ---	

TOTAL DISCHARGE, 34 290 dam³

PADDLE RIVER NEAR SANGUDO - STATION NO. 07SB012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.139	2.699	2.205	2.298	---	---	2.886	2.525	2.426	---	1
2	---	---	3.139	2.699	2.205	2.327	---	---	2.889	2.535	2.426	---	2
3	---	---	3.139	2.637	2.199	2.331	---	---	2.883	2.532	2.449	---	3
4	---	---	3.139	2.816	2.203	2.327	---	---	2.880	2.548	---	---	4
5	---	---	3.139	2.816	2.216	2.323	---	---	2.881	2.518	---	---	5
6	---	---	3.045	2.703	2.205	2.321	---	---	2.848	2.508	---	---	6
7	---	---	3.045	2.692	2.203	2.326	---	---	2.880	2.492	---	---	7
8	---	---	3.045	2.693	2.199	2.317	---	---	2.844	2.478	---	---	8
9	---	---	3.045	2.673	2.191	2.486	---	---	2.884	2.492	---	---	9
10	---	---	3.045	2.636	2.171	3.128	---	---	2.881	2.486	---	---	10
11	---	---	3.045	2.813	2.153	2.735	---	---	2.851	2.486	---	---	11
12	---	---	3.045	2.476	2.089	2.747	---	---	2.847	2.480	---	---	12
13	---	---	3.089	2.587	2.087	2.781	---	---	2.847	2.441	---	---	13
14	---	---	3.089	2.449	2.309	2.741	3.878	---	2.851	2.432	---	---	14
15	---	---	3.089	2.381	2.345	2.889	---	---	2.848	2.438	---	---	15
16	---	---	3.089	2.307	2.343	2.534	---	---	2.851	2.420	---	---	16
17	---	---	3.089	2.289	2.339	3.097	---	---	2.886	2.416	---	---	17
18	---	---	3.089	2.289	2.297	3.089	---	2.731	2.846	2.413	---	---	18
19	---	---	3.049	2.291	2.281	3.061	---	---	2.826	2.567	---	---	19
20	---	---	3.049	2.327	2.261	3.096	---	---	2.838	2.585	---	---	20
21	---	---	3.049	2.318	2.189	3.041	---	---	2.819	2.487	---	---	21
22	---	---	3.049	2.316	2.193	2 883	---	---	2.816	2.477	---	---	22
23	---	---	3.049	2.299	2.199	2.887	---	---	2.824	2.484	---	---	23
24	---	---	3.049	2.278	2.201	2.357	---	---	2.841	2.441	---	---	24
25	---	---	3.049	2.263	2.227	2.326	---	---	2.884	2.427	---	---	26
26	---	---	2.835	2.261	2.287	2.285	---	---	2.862	2.415	---	---	26
27	---	---	2.835	2.249	2.287	2.309	---	---	2.819	2.415	---	---	27
28	---	---	2.835	2.245	2.267	---	---	---	2.823	2.416	---	---	28
29	---	3.029	2.813	2.238	2.278	---	---	---	2.870	2.416	---	---	29
30	---		2.813	2.276	2.339	---	---	2.685	2.868	2.416	---	---	30
31	---		2.698		2.267		---	2.869		2.424		---	31
MEAN	---	---	3.042	2.472	2.223	---	---	---	2.804	2.485	---	---	MEAN
MAX	---	---	3.139	2.699	2.345	---	---	---	2.886	2.567	---	---	MAX
MIN	---	---	2.698	2.226	2.089	---	---	---	2.424	2.413	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 57 28 N
LONG 114 53 35 W

REGULATED SINCE 1984

DRAINAGE AREA,
1 170 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

PADDLE RIVER RESERVOIR NEAR ROCHFORT BRIDGE - STATION NO. 07SB014

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	695.138	695.152	694.958	695.295	695.003	696.232	696.502	695.187	695.431	695.103	695.382	695.611	1
2	695.136	695.148	694.954	695.416	695.098	696.234	696.387	695.186	695.410	695.110	695.400	695.612	2
3	695.136	695.148	694.955	695.443	696.105	696.233	696.213	695.184	695.388	695.116	695.405	695.615	3
4	695.137	695.140	694.957	695.478	695.115	696.234	696.051	695.182	695.385	695.125	695.410	695.617	4
5	695.138	695.134	694.955	695.516	695.116	696.236	695.916	695.180	695.343	695.133	695.424	695.620	5
6	695.139	695.126	694.980	695.534	695.119	696.239	696.333A	695.183	695.316	695.138	695.437	695.623	6
7	695.140	695.122	694.983	695.562	695.133	696.241	699.184E	695.176	695.269	695.163	695.449	695.626	7
8	695.142	695.113	694.988	695.589	695.141	696.251	700.398E	695.188	695.260	695.196	695.464	695.632	8
9	695.143	695.104	695.000	695.614	695.144	696.300	700.337E	695.202	695.238	695.173	695.460	695.637	9
10	695.144	695.095	695.011	695.641	695.152	696.406	700.150E	695.212	695.213	695.181	695.485	695.639	10
11	695.148	695.088	695.021	695.673	695.180	696.598	700.000E	695.217	695.188	695.192	695.473	695.640	11
12	695.148	695.083	695.031	695.704	695.187	696.725	699.930E	695.222	695.183	695.204	695.464	695.640	12
13	695.149	695.078	695.040	695.732	695.139	696.880	699.782E	695.227	695.138	695.215	695.466	695.641	13
14	695.151	695.069	695.054	695.755	695.140	696.963	696.634A	695.234	695.139	695.225	695.503	695.641	14
15	695.1522	695.069	695.069	695.786	695.148	697.014	698.067	695.243	695.102	695.237	695.506	695.640	15
16	695.1532	695.049	695.077	695.811	695.157	697.064	698.507	695.255	695.063	695.248	695.518	695.640	16
17	695.154E	695.040	695.090	695.830	695.169	697.013	697.897	695.275	695.064	695.259	695.526	695.639	17
18	695.155E	695.035	695.105	695.850	695.176	696.903	697.274	695.303	695.048	695.270	695.536	695.636	18
19	695.156E	695.032	695.118	695.882	695.183	696.780	696.821	695.342	695.025	695.281	695.548	695.636	19
20	695.157E	695.017	695.134	695.914	695.183	696.613	695.942	695.387	695.008	695.292	695.558	695.633	20
21	695.157E	695.000	695.155	695.934	695.201	696.482	695.348	695.458	694.990	695.304	695.567	695.632	21
22	695.158	694.992	695.178	695.954	695.208	696.430	695.276	695.510	694.988	695.318	695.571	695.632	22
23	695.161	694.987	695.196	695.972	695.214	696.403	695.276	695.544	694.981	695.332	695.576	695.633	23
24	695.164	694.983	695.223	695.990	695.217	696.420	695.276	695.544	695.000	695.342	695.581	695.634	24
25	695.163	694.976	695.248	696.007	695.218	696.442	695.284	695.534	695.008	695.348	695.586	695.635	25
26	695.162	694.965	695.275	696.024	695.216	696.476	695.307	695.529	695.017	695.354	695.590	695.636	26
27	695.161	694.958	695.301	696.040	695.216	696.526	695.169	695.515	695.034	695.361	695.595	695.635	27
28	695.165	694.957	695.321	696.055	695.216	696.626	695.171	695.505	695.055	695.367	695.600	695.634	28
29	695.165	694.955	695.337	696.069	695.216	696.648	695.177	695.490	695.075	695.373	695.604	695.633	29
30	695.163		695.355	696.063	695.217	696.593	695.172	695.470	695.094	695.380	695.8.0	695.641	30
31	695.157		695.376		695.226		695.168	695.480		695.386		695.644	31
MEAN	695.151	695.055	695.111	695.778	695.168	696.539	695.969	695.323	695.148	695.248	695.511	695.633	MEAN
MAX	695.165	695.152	695.376	696.063	695.226	697.064	700.398	695.544	695.431	695.386	695.610	695.644	MAX
MIN	695.136	694.955	694.954	695.295	695.093	696.232	695.168	695.180	694.988	695.103	695.382	695.611	MIN

WATER LEVELS IN METRES

MEAN, 695.640
MAXIMUM DAILY, 700.398E ON JUL 8
MINIMUM DAILY, 694.954 ON MAR 2
MAXIMUM INSTANTANEOUS,
700.420 AT 17:00 MST ON JUL 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 52 38 N
LONG 115 04 03 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1985

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PAINTEARTH CREEK NEAR HALKIRK - STATION NO. 05PC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.007B	5.004B	0.018	0	0.87[illegible]	0.007	0.027	B	0A	---	1
2	---	---	0.008B	B.078B	0.014	0	0.034	0.007	0.018	B	---	---	2
3	---	---	0.008B	6.580B	0.012	0	0.024	0.006	0.012	B	---	---	3
4	---	---	0.008B	B.788B	0.010	0	0.013	0.005	0.008	B	---	---	4
5	---	---	0.008B	B.971B	0.008	0	0.013	0.003	0.002	0	---	---	5
6	---	---	0.008B	1.28 B	0.008	0	0.018	0.001	0	0	---	---	6
7	---	---	0.008B	2.11 B	0.004	0	0.018	0	0	0	---	---	7
8	---	---	0.008B	2.8A	0.003	0.030	0.014	0	0	0	---	---	8
9	---	---	0.008B	0.833	0.002	0.534	0.010	0	0	0	---	---	9
10	---	---	0.008B	0.549	0.001	1.35	0.00[illegible]	0	0	0	---	---	10
11	---	---	0.008B	0.478	0	0.857	0.003	0	0	0	---	---	11
12	---	---	0.008B	0.410	0	0.339	0.001	0	0	0	---	---	12
13	---	---	0.008B	0.366	0	0.243	0	0	0	0	---	---	13
14	---	---	0.008B	0.216	0	0.183	0	0	0.001	0	---	---	14
15	---	---	0.008B	0.136	0	0.139	0	0	0	0	---	---	15
16	---	---	0.004B	0.139	0	0.139	0	0	0	0	---	---	16
17	---	---	0.003B	0.150	0	0.102	0	0	0	0	---	---	17
18	---	---	0.003B	0.088	0	0.088	0	0	0	0	---	---	18
19	---	---	0.004B	0.041	0	0.044	0	0	0	0	---	---	19
20	---	---	0.004B	0.040	0	0.029	0	0	0.001	0	---	---	20
21	---	---	0.005B	0.018	0	0.015	0	0.022	0.008	0	---	---	21
22	---	---	0.004B	0.012	0	0.008	0	0.080	0.009	0	---	---	22
23	---	0 B	0.004B	0.008	0	0.004	0	0.103	0.008	0	---	---	23
24	---	0 B	0.003B	0.012	0	0.002	0	0.113	0.003	0	---	---	24
25	---	0.003B	0.003B	0.018	0	0.001	0.009	0.100	0.004	0	---	---	25
26	---	0.004B	0.002B	0.012	0	0	0.034	0.082	0.005	0	---	---	26
27	---	0.010B	0.008B	0.006	0	0	0.019	0.085	0.004	0	---	---	27
28	---	0.008B	0.004B	0.018	0	0	0.014	0.072	0.004	0	---	---	28
29	---	0.008B	0.003B	0.020	0	0.022	0.011	0.059	0.002	0	---	---	29
30	---		0.002B	0.027	0	0.120	0.008	0.047	0.001	0	---	---	30
31	---		0.003B		0		0.008	0.038		0		---	31
TOTAL	---	---	0.134	13.135	0.078	4.012	0.325	0.840	0.114	0	---	---	TOTAL
MEAN	---	---	0.004	0.438	0.003	0.134	0.010	0.027	0.004	0	---	---	MEAN
MAX	---	---	0.007	2.88	0.018	1.35	0.071	0.113	0.027	0	---	---	MAX
MIN	---	---	0.002	0.004	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.078
MAXIMUM DAILY, 2.88 ON APR 8
MINIMUM DAILY, 0 ON MAY 11
MAXIMUM INSTANTANEOUS,
4.81 AT 07:09 MST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 23 00 N
LONG 112 08 00 W
DRAINAGE AREA, 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.1
FEB	---	AUG	72.6
MAR	11.6	SEP	9.85
APR	1 130	OCT	0
MAY	6.74	NOV	---
JUN	347	DEC	---

TOTAL DISCHARGE, 1 810 dam³

PARFLESH CREEK NEAR CHANCELLOR - STATION NO. 05BN007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	0A	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0A		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 40 N
LONG 112 50 27 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

PARLBY CREEK AT ALIX - STATION NO. 05CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0200	0.087	0.013	0.084	0.188	0	0.003	0.033A	---	1
2	---	---	0 B	0.0283	0.075	0.011	0.058	0.161	0	0	---	---	2
3	---	---	0 B	0.0888	0.075	0.007	0.052	0.150	0	0	---	---	3
4	---	---	0 B	0.2528	0.071	0.007	0.061	0.132	0	0	---	---	4
5	---	---	0 B	0.7888	0.068	0.010	0.088	0.110	0	0	---	---	5
6	---	---	0 B	1.37 B	0.065	0.006	0.090	0.088	0	0	---	---	6
7	---	---	0 B	1.58 B	0.068	0.004	0.154	0.083	0	0	---	---	7
8	---	---	0 B	1.40	0.063	0.010	0.200	0.088	0	0	---	---	8
9	---	---	0.0025	1.24	0.061	0.044	0.208	0.103	0	0	---	---	9
10	---	---	0.0048	1.05	0.057	0.081	0.222	0.095	0	0	---	---	10
11	---	---	0.0078	0.871	0.058	0.101	0.239	0.084	0.008	0	---	---	11
12	---	---	0.0148	0.740	0.062	0.128	0.277	0.081	0.004	0	---	---	12
13	---	---	0.0208	0.612	0.055	0.148	0.274	0.082	0	0.005	---	---	13
14	---	---	0.0508	0.542	0.052	0.124	0.241	0.090	0	0.010	---	---	14
15	---	---	0.0858	0.481	0.053	0.088	0.380	0.088	0	0.022	---	---	15
16	---	---	0.1078	0.418	0.053	0.057	1.74	0.142	0.002	0.022	---	---	16
17	---	---	0.1368	0.362	0.047	0.039	3.45	0.180	0.003	0.026	---	---	17
18	---	---	0.1558	0.303	0.036	0.027	4.87	0.188	0.015	0.020	---	---	18
19	---	---	0.1808	0.270	0.031	0.018	4.12	0.184	0.026	0.017	---	---	19
20	---	---	0.2008	0.245	0.026	0.010	3.03	0.169	0.020	0.018	---	---	20
21	---	---	0.2308	0.207	0.018	0.011	2.05	0.159	0.031	0.018	---	---	21
22	---	---	0.2508	0.186	0.014	0.014	1 30	0.142	0.027	0.017	---	---	22
23	---	---	0.2728	0.147	0.015	0	0.878	0.123	0.030	0.018	---	---	23
24	---	08	0.2758	0.132	0.017	0	0.537	0.088	0.033	0.018	---	---	24
25	---	08	0.2808	0.116	0.020	0	0.482	0.072	0.026	0.021	---	---	25
26	---	08	0.2808	0.108	0.022	0	0.280	0.048	0.022	0.078	---	---	26
27	---	08	0.1508	0.090	0.024	0	0.308	0.030	0.020	0.088	---	---	27
28	---	08	0.1008	0.080	0.032	0	0.271	0.033	0.018	0.048	---	---	28
29	---	08	0.0408	0.070	0.033	0.074	0.236	0.030	0.017	0.033	---	---	29
30	---		0.0088	0.065	0.023	0.077	0.202	0.026	0.011	0.032	---	---	30
31	---		0.0128		0.016		0.174	0.001		0.033		---	31
TOTAL	---	---	2.868	13.787	1.373	1.108	28.892	3.296	0.321	0.522	---	---	TOTAL
MEAN	---	---	0.092	0.460	0.044	0.037	0.861	0.106	0.011	0.017	---	---	MEAN
MAX	---	---	0.280	1.58	0.075	0.148	4.87	0.188	0.033	0.078	---	---	MAX
MIN	---	---	0	0.020	0.014	0	0.052	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.304
MAXIMUM DAILY, 4.87 ON JUL 19
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.08 AT 07:00 MST ON JUL 18

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 24 27 N
LONG 113 11 43 W
DRAINAGE AREA, 515 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 310
FEB	---	AUG	265
MAR	248	SEP	27.7
APR	1 190	OCT	45.1
MAY	119	NOV	---
JUN	95.7	DEC	---

TOTAL DISCHARGE, 4 320 dam³

PARLBY CREEK NEAR MIRROR - STATION NO. 05CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0708	0.058	0.130	0.142	0.752	0.068	0.286	0.127	---	1
2	---	---	0 B	0.0658	0.053	0.120	0.033	0.728	0.058	0.267	0.114	---	2
3	---	---	---	0.1008	0.045	0.088	0.004	0.667	0.049	0.238	0.123	---	3
4	---	---	---	0.1158	0.038	0.048	0.074	0.588	0.031	0.204	0.104	---	4
5	---	---	---	0.1308	0.030	0.015	0.080	0.508	0.018	0.188	0.082	---	5
6	---	---	---	0.145	0.021	0.006	0.147	0.464	0.004	0.141	0.139	---	6
7	---	---	---	0.159	0.010	0	0.284	0.588	0.013	0.136	0.035	---	7
8	---	---	---	0.165	0.002	0	0.358	0.632	0.008	0.222	---	---	8
9	---	---	---	0.163	0.003	0.024	0.404	0.582	0	0.147	---	---	9
10	---	---	0 B	0.177	0.003	0.058	0.438	0.539	0.036	0.035	---	---	10
11	---	---	---	0.169	0.003	0.065	0.385	0.448	0.084	0	---	---	11
12	---	---	---	0.162	0.006	0.102	0.188	0.401	0.062	0	---	---	12
13	---	---	---	0.168	0.018	1.84	0.234	0.305	0.071	0	---	---	13
14	---	---	---	0.170	0.027	0.704	0.223	0.221	0.033	0	---	---	14
15	---	---	---	0.171	0.020	0.638	0.247	0.234	0	0.088	---	---	15
16	---	---	---	0.163	0.043	0.788	0.321	0.588	0	0.070	---	---	16
17	---	---	---	0.165	0.082	0.507	0.200	0.908	0.088	0.042	---	---	17
18	---	---	---	0.148	0.088	0.418	0.257	0.861	0.118	0.003	---	---	18
19	---	---	---	0.135	0.088	0.380	0.218	0.885	0.034	0.028	---	---	19
20	---	---	---	0.134	0.078	0.301	0.198	0.737	0.082	0.003	---	---	20
21	---	---	---	0.114	0.102	0.274	0.291	0.838	0.184	0.140	---	---	21
22	---	---	---	0.106	0.112	0.182	0.388	0.783	0.158	0.128	---	---	22
23	---	---	0.0718	0.104	0.123	0.144	0.448	0.855	0.114	0.087	---	---	23
24	---	---	---	0.102	0.128	0.134	0.547	0.549	0.141	0.073	---	---	24
25	---	---	---	0.100	0.151	0.161	0.706	0.474	0.328	0.088	---	---	25
26	---	---	---	0.098	0.185	0.143	0.804	0.373	0.321	0.045	---	---	26
27	---	---	---	0.094	0.182	0.078	0.734	0.327	0.328	0.004	---	---	27
28	---	---	---	0.085	0.200	0.238	0.764	0.257	0.288	0.172	---	---	28
29	---	---	---	0.083	0.156	0.193	0.668	0.208	0.276	0.332	---	---	29
30	---		---	0.081	0.106	0.178	0.625	0.148	0.281	0.383	---	---	30
31	---		0.0588		0.120		0.638	0.086		0.253		---	31
TOTAL	---	---	---	3.836	2.221	7.728	11.120	16.412	3.184	3.810	---	---	TOTAL
MEAN	---	---	---	0.128	0.072	0.258	0.359	0.529	0.106	0.123	---	---	MEAN
MAX	---	---	---	0.185	0.200	1.84	0.804	0.861	0.328	0.383	---	---	MAX
MIN	---	---	---	0.081	0.002	B	0.004	0.086	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
5.87 AT 13:40 MST ON JUN 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 28 50 N
LONG 113 08 40 W
DRAINAGE AREA, 843 km²
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	881
FEB	---	AUG	1 420
MAR	---	SEP	273
APR	331	OCT	329
MAY	192	NOV	---
JUN	668	DEC	---

PEACE RIVER AT DUNVEGAN BRIDGE - STATION NO. 07FD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 19--

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2 [illegible]	1 880	1 880	1 270	1 330	1 620	1 800	---	1
2	---	---	---	---	2 390	1 840	1 820	1 180	1 240	1 360	1 540	---	2
3	---	---	---	---	2 280	1 840	1 820	1 210	1 180	1 130	1 450A	---	3
4	---	---	---	---	2 240	1 870	1 280	1 470	1 150	1 230	---	---	4
5	---	---	---	---	2 110	1 800	1 830	1 840	1 020	1 390	---	---	5
6	---	---	---	---	2 110	1 820	1 980	1 830	1 070	1 340	---	---	6
7	---	---	---	---	2 180	1 850	1 870	1 570	888	1 300	---	---	7
8	---	---	---	---	1 800	2 820	1 740	1 880	1 080	1 450	---	---	8
9	---	---	---	---	1 320	2 720	1 780	1 800	1 240	1 420	---	---	9
10	---	---	---	---	1 280	2 670	1 810	1 840	1 410	1 230	---	---	10
11	---	---	---	---	1 400	2 800	1 480	1 320	1 370	1 370	---	---	11
12	---	---	---	---	1 820	2 800	1 890	1 270	1 220	1 810	---	---	12
13	---	---	---	---	2 080	2 740	1 840	1 280	1 430	1 810	---	---	13
14	---	---	---	1 470A	2 040	2 820	2 200	1 390	1 430	1 420	---	---	14
15	---	---	---	1 880	1 870	2 840	2 290	1 210	1 480	1 420	---	---	15
16	---	---	---	1 810	2 830	2 820	2 320	1 280	1 520	1 480	---	---	16
17	---	---	---	1 880	3 040	2 480	1 880	1 [illegible]	1 510	1 390	---	---	17
18	---	---	---	1 880	2 870	2 340	2 050	1 [illegible]	1 470	1 400	---	---	18
19	---	---	---	1 780	2 870	2 240	1 830	1 140	1 180	1 800	---	---	19
20	---	---	---	1 840	2 280	2 230	1 840	1 270	1 320	1 480	---	---	20
21	---	---	---	1 870	2 020	2 240	1 880	1 230	1 430	1 480	---	---	21
22	---	---	---	1 810	1 880	2 080	1 870	1 010	1 470	1 470	---	---	22
23	---	---	---	1 870	1 700	1 880	1 780	1 280	1 480	1 480	---	---	23
24	---	---	---	1 880	1 840	1 830	1 880	1 330	1 480	1 570	---	---	24
25	---	---	---	1 820	1 800	1 740	1 830	1 480	1 370	1 880	---	---	25
26	---	---	---	1 870	1 880	1 840	1 780	1 340	1 270	1 870	---	---	26
27	---	---	---	1 880	2 [illegible]40	1 840	1 820	1 430	1 400	1 840	---	---	27
28	---	---	---	1 840	1 870	1 800	1 780	1 320	1 380	1 880	---	---	28
29	---	---	---	1 840	1 730	1 880	1 820	1 170	1 320	1 820	---	---	29
30	---		---	2 180	1 870	1 820	1 820	1 310	1 370	1 880	---	---	30
31	---		---		1 810		1 820	1 380		1 880		---	31
TOTAL	---	---	---	---	62 320	63 840	55 820	41 880	38 628	44 770	---	---	TOTAL
MEAN	---	---	---	---	2 010	2 080	1 780	1 340	1 320	1 440	---	---	MEAN
MAX	---	---	---	---	3 040	2 820	2 320	1 830	1 520	1 880	---	---	MAX
MIN	---	---	---	---	1 280	1 820	1 280	1 010	888	1 130	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 870
MAXIMUM DAILY, 3 040 ON MAY 17
MINIMUM DAILY, 888 ON SEP 7
MAXIMUM INSTANTANEOUS,
3 180 AT 22:00 MST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 00 N
LONG 118 36 19 W
DRAINAGE AREA, 130 000 km²
A - MANUAL GAUGE

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 800 000
FEB	---	AUG	3 830 000
MAR	---	SEP	3 420 000
APR	---	OCT	3 870 000
MAY	5 380 000	NOV	---
JUN	5 430 000	DEC	---

TOTAL DISCHARGE, 28 800 000 dam³

PEACE RIVER AT FORT VERMILION - STATION NO. 07HF001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	5.788	5.793	4.710	4.880	4.411	4.385	3.889	3.889	3.840	---	1
2	---	---	5.818	5.780	4.734	4.836	4.885	4.285	3.823	3.855	3.853A	---	2
3	---	---	5.841	5.804	4.833	4.886	5.067	4.134	3.883	3.880	---	---	3
4	---	---	5.855	5.847	5.008	4.886	5.417	3.921A	3.848	3.823	---	---	4
5	---	---	5.858	5.871	5.050	4.813	5.388	3.784E	3.817	3.846	---	---	5
6	---	---	5.858	5.902	5.008	4.406	5.078	3.889E	3.478	3.829	---	---	6
7	---	---	5.858	5.908	4.841	4.327	4.770	3.890E	3.380	3.478	---	---	7
8	---	---	5.862	5.881	4.873	4.318	4.849	3.890A	3.261	3.871	---	---	8
9	---	---	5.878	5.853	4.828	4.328	4.805	3.878	3.210	3.804	---	---	9
10	---	---	5.884	5.786	4.807	4.842	5.041	4.035	3.140	3.884	---	---	10
11	---	---	5.880	5.838	4.840	5.284	5.047	4.044	3.111	3.887	---	---	11
12	---	---	5.875	5.898	4.307	5.861	5.038	4.045	3.248	3.882	---	---	12
13	---	---	5.879	5.832	4.053	5.788	4.884	4.021	3.471	3.881	---	---	13
14	---	---	5.881	5.883	4.053	5.845	4.705	3.946A	3.801	3.828	---	---	14
15	---	---	5.878	5.712	4.377	6.277	4.857	3.825E	3.857	3.822	---	---	15
16	---	---	5.868	5.751	4.783	6.337	5.338	3.725E	3.880	3.728	---	---	16
17	---	---	5.880	5.522	5.015	6.143	5.887	3.780E	3.837	3.723	---	---	17
18	---	---	5.872	5.107A	5.184	5.888	5.744	3.780E	3.884	3.678	---	---	18
19	---	---	5.888	4.787A	5.831	5.700	5.823	3.730E	3.782	3.883	---	---	19
20	---	---	5.887	4.898A	5.758	5.883	5.375	3.788E	3.784	3.872	---	---	20
21	---	---	5.847	4.834	5.875	5.433	5.171	3.788E	3.783	3.878	---	---	21
22	---	---	5.834	4.833	5.484	5.311	5.002	3.887E	3.808	3.735	---	---	22
23	---	---	5.826	4.888A	5.231	5.231	4.880	3.821A	3.488	3.773	---	---	23
24	---	6.028A	5.781	4.811E	4.872	5.126	4.741	3.[illegible]	3.568	3.772	---	---	24
25	---	6.054	5.734	4.810E	4.781	4.887	4.884	3.481	3.847	3.787	---	---	25
26	---	6.060	5.782	4.822A	4.888	4.816	4.887	3.422	3.702	3.788	---	---	26
27	---	6.084	5.822	4.828	4.430	4.708	4.448	3.818	3.727	3.808	---	---	27
28	---	6.077	5.883	4.811	4.488	4.887	4.347	3.888	3.883	3.870	---	---	28
29	---	6.788	5.817	4.844	4.888	4.488	4.330	3.700	3.883	3.880	---	---	29
30	---		5.821	4.880	4.808	[illegible].373	4.388	3.702	3.807	3.885	---	---	30
31	---		5.858		4.787		4.383	3.878		3.889		---	31
MEAN	---	---	5.852	5.280	4.848	5.083	4.821	3.818	3.536	3.878	---	---	MEAN
MAX	---	---	5.921	5.908	5.758	6.337	5.744	4.388	3.784	3.880	---	---	MAX
MIN	---	---	5.734	4.833	4.053	4.318	4.330	3.422	3.111	3.478	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 6.337 ON JUN 16

MAXIMUM INSTANTANEOUS,
6.377 AT 04:00 MST ON JUN 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 243.808 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 15 N
LONG 118 02 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1967

DRAINAGE AREA,
233 000 km²

PEACE RIVER AT PEACE POINT - STATION NO. 07KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 150B	2 190B	2 080B	2 140B	3 300B	2 820	2 740	2 760	1 830	1 720	1 770	1 840B	1
2	2 150B	2 140B	2 040B	2 150B	3 250B	2 880	2 870	2 720	1 820	1 680	1 740	1 780B	2
3	2 140B	2 110B	2 010B	2 130B	3 200B	3 000	2 780	2 670	1 770	1 640	1 680B	1 710B	3
4	2 120B	2 080B	2 000B	2 120B	3 150	2 890	3 080	2 610	1 720	1 640	1 660B	1 620B	4
5	2 110B	2 040B	1 950B	2 110B	3 170	3 010	3 580	2 480	1 700	1 630	1 670B	1 630B	5
6	2 100B	1 980B	2 000B	2 110B	3 250	3 020	3 810	2 300	1 780	1 640	1 700B	1 490B	6
7	2 080B	1 900B	2 000B	2 120B	3 320	3 000	4 010	2 120	1 770	1 670	1 730B	1 500B	7
8	2 080B	1 840B	2 010B	2 140B	3 290	2 900	3 870	1 990	1 720	1 650	1 750B	1 520B	8
9	2 030B	1 770B	2 010B	2 180B	3 220	2 780	3 670	1 950	1 650	1 590	1 750B	1 580B	9
10	2 040B	1 750B	2 020B	2 180B	3 180	2 720	3 640	2 000	1 580	1 590	1 740B	1 600B	10
11	2 100B	1 730B	2 020B	2 150B	3 120	2 870	3 880	2 080	1 530	1 620	1 730B	1 620B	11
12	2 150B	1 720B	2 020B	2 120B	3 070	2 840	4 180	2 140	1 480	1 620	1 720B	1 610B	12
13	2 140B	1 730B	2 010B	2 080B	2 940	3 410	4 330	2 150	1 440	1 610	1 710B	1 600B	13
14	2 130B	1 750B	2 010B	2 030B	2 870	3 970	4 350	2 180	1 450	1 620	1 700B	1 580B	14
15	2 100B	1 780B	2 020B	2 000B	2 430	4 390	4 210	2 150	1 510	1 620	1 710B	1 480B	15
16	2 080B	1 800B	2 020B	2 020B	2 280	4 880	4 020	2 110	1 610	1 800	1 710B	1 400B	16
17	2 070B	1 860B	2 020B	2 040B	2 400	5 080	4 080	1 880	1 670	1 810	1 720B	1 300B	17
18	2 080B	1 890B	2 030B	2 080B	2 710	5 320	4 810	1 910	1 670	1 850	1 730B	1 280B	18
19	2 070B	1 920B	2 020B	2 080B	3 040	5 180	5 100	1 890	1 680	1 760B	1 750B	1 270B	19
20	2 060B	1 950B	2 020B	2 100B	3 300	4 840	5 430	1 880	1 720	1 670	1 780B	1 280B	20
21	2 050B	2 020B	2 030B	2 180B	3 670	4 500	5 390	1 850	1 770	1 680	1 780B	1 290B	21
22	2 110B	2 060B	2 040B	2 240B	3 880	4 230	5 020	1 840	1 780	1 680	1 800B	1 300B	22
23	2 120B	2 080B	2 060B	2 330B	4 030	4 010	4 830	1 880	1 800	1 670	1 790B	1 310B	23
24	2 140B	2 110B	2 040B	2 480B	3 880	3 810	4 280	1 810	1 770	1 670	1 800B	1 300B	24
25	2 150B	2 150B	2 010B	2 600B	3 850	3 850	3 880	1 780	1 700	1 690	1 810B	1 280B	25
26	2 150B	2 160B	2 000B	2 700B	3 380	3 480	3 740	1 780	1 680	1 670	1 820B	1 280B	26
27	2 140B	2 180B	2 000B	2 800B	3 120	3 310	3 500	1 740	1 680	1 690	1 850B	1 300B	27
28	2 170B	2 180B	2 010B	2 850B	2 870	3 120	3 300	1 680	1 720	1 690	1 880B	1 280B	28
29	2 170B	2 140B	2 040B	3 200B	2 670	2 880	3 110	1 880	1 730	1 660	1 880B	1 270B	29
30	2 180B		2 080B	3 400B	2 830	2 830	2 940	1 750	1 730	1 660	1 850B	1 280B	30
31	2 190B		2 120B		2 780		2 810	1 780		1 780		1 280B	31
TOTAL	65 810	55 940	62 780	68 900	96 930	107 510	120 700	83 800	50 480	51 350	52 710	44 870	TOTAL
MEAN	2 120	1 980	2 030	2 300	3 130	3 580	3 880	2 050	1 880	1 880	1 780	1 440	MEAN
MAX	2 190	2 180	2 120	3 400	4 030	5 320	5 430	2 760	1 830	1 780	1 880	1 840	MAX
MIN	2 030	1 720	1 980	2 000	2 280	2 670	2 670	1 880	1 440	1 580	1 670	1 280	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 300
MAXIMUM DAILY, 5 430 ON JUL 20
MINIMUM DAILY, 1 280B ON DEC 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 06 50 N
LONG 112 25 35 W
DRAINAGE AREA, 293 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 670 000	JUL	10 400 000
FEB	4 820 000	AUG	5 500 000
MAR	5 430 000	SEP	4 350 000
APR	5 950 000	OCT	4 440 000
MAY	8 370 000	NOV	4 550 000
JUN	9 280 000	DEC	3 880 000

TOTAL DISCHARGE, 72 700 000 dam³

PEACE RIVER AT PEACE RIVER - STATION NO. 07HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 030B	1 870B	1 870B	2 020	2 870	2 200	2 840	1 580	1 440	1 610	1 720	1 480	1
2	2 310B	1 770B	1 870B	2 080	2 810	2 180	2 610	1 380	1 440	1 620	1 730	1 480	2
3	2 060B	1 750B	1 910B	2 040	2 730	2 080	2 150	1 300	1 210	1 380	1 620	1 370	3
4	2 050B	1 770B	1 930B	2 110	2 730	2 000	2 000	1 640	1 280	1 340	1 680	1 180	4
5	2 150B	1 780B	1 900B	2 080	2 610	2 040	1 840	1 840	1 100	1 580	1 880	1 140	5
6	1 980B	1 720B	1 910B	2 110	2 540	2 080	2 210	1 780	1 180	1 580	1 610	1 180	6
7	1 960B	1 770B	1 910B	1 940	2 540	2 080	2 430	1 780	1 040	1 480	1 680	1 370	7
8	1 950B	1 750B	1 880B	1 880	2 490	2 710	2 340	1 770	1 080	1 490	1 680	1 380	8
9	1 920B	1 860B	1 880B	1 880	1 950	3 480	2 488	1 750	1 200	1 640	1 680	1 230	9
10	1 980B	1 840B	1 910B	1 880	1 880	3 390	2 280	1 780	1 480	1 440	1 670	1 480	10
11	2 270B	1 740B	1 880B	1 880	1 730	3 330	2 010	1 670	1 530	1 380	1 640	1 580	11
12	2 340B	1 780B	1 920B	1 830	2 150	3 020	2 180	1 400	1 420	1 580	1 690	1 540	12
13	2 080B	1 930B	1 880B	1 780	2 830	4 270	2 470	1 480	1 380	1 580	1 480	1 280	13
14	1 970B	1 910B	1 880B	1 870	2 840	4 000	2 850	1 480	1 550	1 630	1 750	1 180	14
15	1 890B	2 040B	1 900B	1 850	2 900	3 850	2 930	1 410	1 580	1 520	1 880	1 020	15
16	1 870B	2 030B	1 880B	1 840	2 940	3 430	2 920	1 340	1 520	1 580	1 610	997	16
17	1 880B	2 020B	1 850B	2 000	3 480	3 300	2 580	1 480	1 530	1 550	1 700	1 280	17
18	2 080B	1 940B	1 940B	2 080	3 480	3 210	2 420	1 430	1 480	1 540	1 730	1 330	18
19	2 030B	1 900B	2 100	2 170	3 200	3 080	2 310	1 280	1 470	1 590	1 730	1 280	19
20	1 880B	1 920B	2 040	2 250	3 020	2 990	2 330	1 270	1 290	1 630	1 640	1 020	20
21	2 000B	1 920B	1 900	2 350	2 880	2 970	2 180	1 430	1 530	1 610	1 880	1 180	21
22	2 050B	1 900B	1 920	2 370	2 840	2 780	2 180	1 140	1 870	1 590	1 840	1 220	22
23	2 010B	1 880B	2 030	2 320	2 300	2 880	2 130	1 220	1 800	1 580	1 680	1 340	23
24	1 810B	1 890B	2 030	2 420	2 180	2 480	1 980	1 270	1 630	1 650	1 630	1 270	24
25	1 950B	1 880B	2 060	2 350	2 100	2 420	1 950	1 500	1 610	1 730	1 480	1 200	25
26	1 850B	1 880B	2 020	2 350	2 480	2 220	1 900	1 440	1 410	1 730	1 370	1 100	25
27	1 820B	1 880B	2 100	2 370	2 830	2 130	2 880	1 480	1 400	1 710	1 350	738	27
28	1 870B	1 870B	1 870	2 380	2 580	2 010	2 010	1 500	1 540	1 690	1 480	842	28
29	1 740B	1 830B	1 880	2 400	2 380	2 180	2 080	1 320	1 480	1 880	1 600	7270	29
30	1 780B		1 880	2 800	2 240	2 280	1 885	1 280	1 480	1 870	1 690	1 2000	30
31	1 820B		2 040		2 180		1 840	1 410		1 700		1 2300	31
TOTAL	61 640	54 120	60 320	63 250	78 480	83 130	70 000	48 440	42 680	49 010	50 830	37 484	TOTAL
MEAN	1 980	1 870	1 950	2 110	2 580	2 770	2 280	1 470	1 420	1 580	1 680	1 210	MEAN
MAX	2 310	2 040	2 100	2 800	3 480	4 270	2 930	1 780	1 880	1 730	1 840	1 880	MAX
MIN	1 870	1 720	1 870	1 870	1 880	2 000	1 840	1 140	1 040	1 340	1 350	842	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 900
MAXIMUM DAILY, 4 270 ON JUN 13
MINIMUM DAILY, 842 ON DEC 28
MAXIMUM INSTANTANEOUS,
4 480 AT 10:30 MST ON JUN 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 14 41 N
LONG 117 18 48 W
DRAINAGE AREA, 186 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 330 000	JUL	6 080 000
FEB	4 880 000	AUG	3 830 000
MAR	5 210 000	SEP	3 690 000
APR	5 480 000	OCT	4 230 000
MAY	6 670 000	NOV	4 370 000
JUN	7 180 000	DEC	3 240 000

TOTAL DISCHARGE, 60 200 000 dam³

PEACE RIVER BELOW CHENAL DES QUATRE FOURCHES - STATION NO. 07KC800

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.881	---	208.538	208.508	209.845	208.353	---	208.583	207.703	207.571	207.290	---	1
2	208.748	---	208.518	208.513	209.930	208.470	---	208.518	207.740	207.581	207.308	---	2
3	208.786	---	208.487	208.514	208.473	208.484	---	208.486	207.746	207.480	207.333	---	3
4	208.787	---	208.442	208.502	208.805	208.532	---	208.401	207.721	207.443	207.435	---	4
5	208.787	---	208.428	208.478	208.731	208.508	---	208.313	207.678	207.460	---	---	5
6	---	---	208.438	208.470	208.613	208.531	---	208.258	207.646	207.472	---	---	6
7	---	---	208.429	208.478	208.523	208.535	---	208.121	207.647	207.484	---	---	7
8	---	---	208.433	208.488	208.518	208.488	---	207.983	207.638	207.474	---	---	8
9	---	---	208.448	208.511	208.510	208.372	---	207.885	207.605	207.418	207.721	---	9
10	---	208.204	208.438	208.527	208.501	208.175	---	207.863	207.638	207.418	---	---	10
11	---	208.147	208.450	208.542	208.480	208.280	---	207.828	207.684	207.442	---	---	11
12	---	208.099	208.482	208.535	208.503	208.345	---	207.880	207.631	207.484	---	---	12
13	---	208.049	208.472	208.509	208.480	208.458	209.340	207.868	207.383	207.439	---	208.584	13
14	---	208.043	208.486	208.470	208.425	208.746	209.305	208.022	207.380	207.425	---	---	14
15	---	208.066	208.472	208.448	208.288	208.857	209.200	208.026	207.388	207.385	---	---	15
16	---	208.077	208.470	208.413	208.111	208.071	209.124	208.018	207.470	207.388	---	---	16
17	---	208.107	208.470	208.408	208.108	208.235	209.106	207.867	207.511	207.388	---	---	17
18	---	208.136	208.479	208.485	208.180	208.378	209.226	207.874	207.582	207.378	---	---	18
19	---	208.165	208.481	208.492	208.326	208.383	209.418	207.823	207.605	207.477	---	---	19
20	---	208.213	208.483	208.557	208.804	208.316	209.611	207.813	207.594	207.580	---	---	20
21	---	208.268	208.485	208.883	208.808	208.264	209.678	207.788	207.585	207.548	---	---	21
22	---	208.289	208.472	208.846	208.812	208.188	208.583	207.781	207.640	207.638	---	---	22
23	---	208.352	208.484	208.836	208.853	208.084	208.374	207.722	207.688	207.608	---	---	23
24	---	208.423	208.481	208.186	208.858	208.078	208.382	207.688	207.626	207.478	---	---	24
25	---	208.477	208.473	208.248	208.818	208.871	208.291	207.678	207.595	207.445	---	---	25
26	---	208.503	208.481	208.280	208.728	208.885	208.131	207.892	207.588	207.383	---	---	26
27	---	208.528	208.484	208.472	208.847	208.802	208.008	207.888	207.548	207.187	---	---	27
28	---	208.522	208.468	208.848	208.857	208.721	208.871	207.885	207.543	207.102	---	---	28
29	---	208.536	208.431	208.802	208.808	208.848	208.884	207.832	207.533	207.118	---	---	29
30	---		208.440	210.003	208.383	208.884	208.788	207.832	207.841	207.148	---	---	30
31	---		208.480		208.297		208.884	207.873		207.214		---	31
MEAN	---	---	208.488	208.773	208.648	208.780	---	207.951	207.670	207.414	---	---	MEAN
MAX	---	---	208.538	210.003	208.830	209.343	---	208.583	207.748	207.638	---	---	MAX
MIN	---	---	208.428	208.408	208.108	208.175	---	207.832	207.383	207.102	---	---	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MAXIMUM DAILY, 210.003 ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 54 00 N
LONG 111 35 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

PEAVINE CREEK NEAR PALMER - STATION NO. 07EH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0.0028	0.007	0.003	0.002	0.004	0.001	0.002	0.0038	---	1
2	---	---	0	B	0.0018	0.005	0.003	0.002	0.004	0.001	0.001	---	---	2
3	---	---	0	B	0.0018	0.005	0.003	0.004	0.004	0.001	0.001	---	---	3
4	---	---	0	B	0.0018	0.004	0.003	0.004	0.003	0	0.001	---	---	4
5	---	---	0	B	0.WEN	0.004	0.003	0.004	0.003	0	0.002	---	---	5
6	---	---	0	B	0.113	0.004	0.003	0.091	0.003	0.001	0.001	---	---	6
7	---	---	0	B	0.081	0.004	0.003	0.140	0.002	0.001	0.002	---	---	7
8	---	---	0	B	0.181	0.004	0.002	0.187	0.002	0.001	0.002	---	---	8
9	---	---	0	B	0.084	0.004	1.27	0.120	0.002	0.001	0.002	---	---	9
10	---	---	0	B	0.044	0.003	4.05	0.158	0.002	0.001	0.002	---	---	10
11	---	---	0	B	0.023	0.003	1.78	0.128	0.002	0.002	0.002	---	---	11
12	---	---	0	B	0.018	0.003	1.36	0.188	0.002	0.002	0.002	---	---	12
13	---	---	0	B	0.100	0.003	0.775	0.827	0.001	0.002	0.002	---	---	13
14	---	---	0	B	0.088	0.008	0.478	1.05	0.001	0.001	0.002	---	---	14
15	---	---	0	B	0.087	0.010	0.278	0.703	0.001	0.001	0.002	---	---	15
16	---	---	0	B	0.072	0.008	0.178	0.430	0.001	0.002	0.002	---	---	16
17	---	---	0	B	0.084	0.005	0.122	0.242	0.001	0.001	0.002	---	---	17
18	---	---	0	B	0.050	0.005	0.081	0.171	0.001	0.001	0.002	---	---	18
19	---	---	0	B	0.040	0.005	0.035	0.123	0.001	0.001	0.002	---	---	19
20	---	---	0.0018		0.072	0.005	0.020	0.094	0.001	0.001	0.002	---	---	20
21	---	---	0.0018		0.026	0.008	0.048	0.073	0.001	0.001	0.002	---	---	21
22	---	---	0.0048		0.024	0.005	0.024	0.056	0.001	0.001	0.003	---	---	22
23	---	---	0.0058		0.018	0.005	0.011	0.040	0.001	0.001	0.003	---	---	23
24	---	---	0.0038		0.010	0.005	0.213	0.027	0.001	0.001	0.003	---	---	24
25	---	---	0.0018		0.037	0.004	0.113	0.023	0.001	0.001	0.004	---	---	25
26	---	08	0	B	0.018	0.004	0.030	0.023	0.001	0.001	0.003	---	---	26
27	---	08	0.0028		0.011	0.004	0.005	0.018	0.001	0.001	0.003	---	---	27
28	---	08	0.0038		0.007	0.003	0.002	0.013	0.001	0.001	0.003	---	---	28
29	---	08	0	B	0.005	0.003	0.003	0.008	0	0.001	0.0038	---	---	29
30	---		0.0018		0.008	0.003	0.002	0.005	0.001	0.001	0.0038	---	---	30
31	---		0.0028			0.002		0.005	0.001		0.0028		---	31
TOTAL	---	---	0.023		1.311	0.142	10.819	4.864	0.051	0.032	0.068	---	---	TOTAL
MEAN	---	---	0.001		0.044	0.005	0.384	0.151	0.002	0.001	0.002	---	---	MEAN
MAX	---	---	0.008		0.113	0.010	4.05	1.05	0.004	0.002	0.004	---	---	MAX
MIN	---	---	0		0.001	0.002	0.002	0.002	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.070
MAXIMUM DAILY, 4.05 ON JUN 10
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.76 AT 06:30 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 37 41 N
LONG 117 15 29 W
DRAINAGE AREA, 537 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	405
FEB	---	AUG	4.41
MAR	1.98	SEP	2.76
APR	113	OCT	5.86
MAY	12.3	NOV	---
JUN	943	DEC	---

TOTAL DISCHARGE, 1 480 dam³

PEERLESS LAKE NEAR PEERLESS LAKE - STATION NO. 07JB001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	25.130A	---	---	25.215	25.271	25.732	25.628A	---	---	---	1
2	---	---	---	---	---	25.217	25.271	25.736	25.626A	---	25.344A	---	2
3	---	---	---	---	---	25.220	25.269	25.740	25.627A	---	---	---	3
4	---	---	---	---	---	25.218	25.263	25.737A	25.613A	---	---	---	4
5	---	---	---	---	---	25.214	25.258	25.730A	25.60	---	---	---	5
6	---	---	---	---	---	25.210	25.316	25.727	25.598A	---	---	---	6
7	---	---	---	---	---	25.224	25.386	25.721	25.593A	---	---	---	7
8	---	---	---	---	---	25.225	25.404A	25.721	25.585A	---	---	---	8
9	---	---	---	---	---	25.227	25.408A	25.716	25.572A	---	---	---	9
10	---	---	---	---	---	25.242	25.409A	25.714	25.568A	---	---	---	10
11	---	---	---	---	---	25.249	25.412A	25.716	25.567A	---	---	---	11
12	---	---	---	---	---	25.254A	25.423A	25.719	25.563A	---	---	---	12
13	---	---	---	---	---	25.257A	25.478A	25.719	25.545A	---	---	---	13
14	---	---	---	---	---	25.262	25.524A	25.711	25.534A	---	---	---	14
15	---	---	---	---	---	25.264	25.548A	25.715	25.529A	---	---	---	15
16	---	---	---	---	---	25.262	25.557A	25.710	25.529A	---	---	---	16
17	---	---	---	---	---	25.265	25.595A	25.703	25.529A	---	---	---	17
18	---	---	---	---	---	25.261	25.613A	25.699	25.526A	---	---	---	18
19	---	---	---	---	---	25.248	25.641	25.694	25.513A	---	---	---	19
20	---	---	---	---	---	25.254	25.658	25.692	25.508A	---	---	---	20
21	---	---	---	---	---	25.258	25.669	25.685A	25.496A	---	---	---	21
22	---	---	---	---	---	25.253	25.673A	25.680A	25.489A	---	---	---	22
23	---	---	---	---	---	25.249	25.677A	25.675	25.490A	---	---	---	23
24	---	---	---	---	---	25.245	25.681A	25.669	25.487A	---	---	---	24
25	---	---	---	---	---	25.249	25.688A	25.668	25.478A	---	---	---	25
26	---	---	---	---	---	25.249	25.714A	25.649	25.470A	---	---	---	26
27	---	---	---	25.148A	---	25.253	25.718A	25.648	25.482A	---	---	---	27
28	---	---	---	25.142A	---	25.255	25.723A	25.645	25.458A	---	---	---	28
29	---	---	25.120A	---	---	25.257	25.725	25.643A	---	---	---	---	29
30	---		---	---	---	25.264	25.710	25.638A	---	---	---	---	30
31	---		---		25.217A		25.727	25.625A		---		---	31
MEAN	---	---	---	---	---	25.244	25.632	25.695	---	---	---	---	MEAN
MAX	---	---	---	---	---	25.265	25.727	25.740	---	---	---	---	MAX
MIN	---	---	---	---	---	25.214	25.258	25.625	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 36 10 N
LONG 114 38 08 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA, 475 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PELICAN CREEK NEAR PAKOWKI ROAD - STATION NO. 05AH041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0	0	0	0	0	0	0E	---	1
2	---	0	0	0	0	0	0	0	0	0	0A	---	2
3	---	0	0	0.278	0	0	0	0	0	0	---	---	3
4	---	0	0	0.806	0	0	0	0	0	0	---	---	4
5	---	0	0	0.806	0	0	0	0	0	0	---	---	5
6	---	0	0	0.230	0	0	0	0	0	0	---	---	6
7	---	0	0	0.274	0	0	0	0	0	0	---	---	7
8	---	0	0	0.303	0	0	0	0	0	0	---	---	8
9	---	0	0	0.218	0	0	0	0	0	0	---	---	9
10	---	0	0	0.107	0	0	0	0	0	0	---	---	10
11	---	0	0	0.060	0	0	0	0	0	0	---	---	11
12	---	0	0	0.037	0	0	0	0	0	0	---	---	12
13	---	0	0	0.033	0	0	0	0	0	0	---	---	13
14	---	0	0	0.030	0	0	0	0	0	0	---	---	14
15	---	0	0	0.026	0	0	0	0	0	0	---	---	15
16	---	0	0	0.026	0	0	0	0	0	0	---	---	16
17	---	0	0	0.022	0	0	0	0	0	0	---	---	17
18	---	0	0	0.017	0	0	0	0	0	0E	---	---	18
19	---	0	0	0.014	0	0	0	0	0	0E	---	---	19
20	---	0	0	0.012	0	0	0	0	0	0E	---	---	20
21	---	0	0	0.008	0	0	0	0	0	0E	---	---	21
22	---	0	0	0.007	0	0	0	0	0	0E	---	---	22
23	---	0	0	0.006	0	0	0	0	0	0E	---	---	23
24	---	0	0	0.005	0	0	0	0	0	0E	---	---	24
25	---	0	0	0.004	0	0	0	0	0	0E	---	---	25
26	---	0	0	0.003	0	0	0	0	0	0E	---	---	26
27	0A	0	0	0.002	0	0	0	0	0	0E	---	---	27
28	0	0	0	0	0	0	0	0	0	0E	---	---	28
29	0	0	0	0	0	0	0	0	0	0E	---	---	29
30	0		0	0	0	0	0	0	0	0E	---	---	30
31	0		0		0		0	0		0E		---	31
TOTAL	---	0	0	3.036	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0.101	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0.806	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.806 ON APR 4
MINIMUM DAILY, 0 ON FEB 1
MAXIMUM INSTANTANEOUS, 1.00 AT 05:20 MST ON APR 4

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 50 N
LONG 110 56 30 W

DRAINAGE AREA, 440 km²

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	282	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 282 dam³

PEKISKO CREEK NEAR LONGVIEW - STATION NO. 05BL023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0808	0.2598	0.375	0.516	0.205	0.024	0.028	0.085	---	---	1
2	---	---	0.0708	0.2508	0.388	0.413	0.176	0.287	0.022	0.088	---	---	2
3	---	---	0.0658	0.2508	0.328	0.380	0.163	0.278	0.018	0.088	---	---	3
4	---	---	0.0628	0.2508	0.385	0.332	0.153	0.174	0.018	0.086	---	---	4
5	---	---	0.0658	0.2588	0.529	0.487	0.220	0.117	0.014	0.088	---	---	5
6	---	---	0.0708	0.2838	0.836	0.486	0.315	0.116	0.008	0.088	---	---	6
7	---	---	0.0808	0.2478	0.722	0.619	0.287	0.134	0.007	0.086	---	---	7
8	---	---	0.0958	0.2428	0.613	1.21	0.174	0.128	0.008	0.087	---	---	8
9	---	---	0.0958	0.2368	0.671	1.59	0.133	0.109	0.005	0.087	---	---	9
10	---	---	0.0958	0.2328	0.887	1.66	0.126	0.102	0.006	0.088	---	---	10
11	---	---	0.0958	0.246	0.880	1.34	0.148	0.133	0.011	0.089	---	---	11
12	---	---	0.0928	0.240	0.843	1.18	0.153	0.146	0.017	0.070	---	---	12
13	---	---	0.0888	0.256	0.826	1.06	0.113	0.128	0.021	0.071	---	---	13
14	---	---	0.0858	0.308	0.815	0.827	0.089	0.126	0.018	0.072	---	---	14
15	---	---	0.0808	0.320	0.739	0.772	0.084	0.085	0.018	0.072	---	---	15
16	---	---	0.0808	0.456	0.856	0.841	0.088	0.101	0.015	0.074	---	---	16
17	---	---	0.0858	0.503	0.677	0.678	0.083	0.107	0.020	0.078	---	---	17
18	---	0.0688	0.1008	0.474	0.609	0.588	0.089	0.118	0.032	0.078	---	---	18
19	---	0.0648	0.2008	0.504	0.482	0.516	0.071	0.094	0.043	0.082	---	---	19
20	---	0.0628	0.2458	0.498	0.488	0.456	0.055	0.117	0.047	0.083	---	---	20
21	---	0.0618	0.2488	0.453	0.445	0.426	0.038	0.171	0.052	0.084	---	---	21
22	---	0.0658	0.2408	0.400	0.406	0.386	0.027	0.114	0.047	0.085	---	---	22
23	---	0.0748	0.2348	0.384	0.340	0.330	0.019	0.081	0.047	0.090	---	---	23
24	---	0.0838	0.2308	0.383	0.322	0.276	0.013	0.066	0.050	0.092	---	---	24
25	---	0.0908	0.2298	0.367	0.335	0.262	0.008	0.060	0.070	0.093	---	---	25
26	---	0.0928	0.2278	0.388	0.308	0.246	0.005	0.057	0.068	0.0918	---	---	26
27	---	0.0928	0.2258	0.345	0.284	0.222	0.004	0.057	0.067	0.0888	---	---	27
28	---	0.0908	0.2238	0.362	0.264	0.218	0.004	0.053	0.071	0.0908	---	---	28
29	---	0.0858	0.2358	0.388	0.287	0.278	0.003	0.045	0.088	0.0918	---	---	29
30	---		0.2508	0.388	0.354	0.283	0.002	0.039	0.085	0.0928	---	---	30
31	---		0.2538		0.488		0.001	0.031		0.093A		---	31
TOTAL	---	---	4.537	10.115	16.488	16.809	2.861	3.375	0.889	2.416	---	---	TOTAL
MEAN	---	---	0.146	0.337	0.531	0.617	0.088	0.109	0.033	0.078	---	---	MEAN
MAX	---	---	0.253	0.504	0.887	1.59	0.315	0.278	0.071	0.093	---	---	MAX
MIN	---	---	0.062	0.232	0.244	0.216	0.001	0.024	0.005	0.056	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.242
MAXIMUM DAILY, 1.59 ON JUN 9
MINIMUM DAILY, 0.001 ON JUL 31
MAXIMUM INSTANTANEOUS,
1.65 AT 20:17 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 35 N
LONG 114 12 20 W
DRAINAGE AREA, 232 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	256
FEB	---	AUG	202
MAR	392	SEP	86.4
APR	874	OCT	208
MAY	1 430	NOV	---
JUN	1 800	DEC	---

TOTAL DISCHARGE, 5 130 dam³

PEMBINA RIVER AT JARVIS - STATION NO. 07BC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.558	1.028	1.228	14.6 B	16.8	5.60	16.7	12.5 A	18.3	17.7	6.868	3.798	1
2	1.508	1.028	1.228	16.6 B	17.4	5.49	21.6	11.5 A	17.4	18.2	6.908	3.868	2
3	1.458	1.028	1.228	16.1 B	16.1	5.80	28.7	11.0 A	16.1	18.0	6.908	3.748	3
4	1.408	1.028	1.258	16.3 B	16.1	5.53	31.8	10.9 A	16.1	18.1	6.908	3.638	4
5	1.358	1.058	1.288	16.6 B	14.2	5.59	33.8	11.3 A	14.0	18.0	6.908	3.798	5
6	1.328	1.108	1.318	14.0 B	13.5	5.24	43.5	10.8 A	12.8	17.8	6.308	3.798	6
7	1.288	1.158	1.348	11.6 B	12.8	4.86	62.0	10.1 A	11.7	16.6	6.008	3.818	7
8	1.258	1.208	1.378	9.66	12.1	4.63	80.5	10.3 A	10.8	16.7	6.008	3.868	8
9	1.338	1.208	1.708	10.3	11.3	5.70	194	9.58A	10.3	14.8	5.908	4.108	9
10	1.208	1.208	1.908	10.7	10.5	5.62	193 A	9.81A	9.81	14.2	5.908	3.868	10
11	1.188	1.208	2.208	10.0	10.0	7.29	188 A	11.5 A	9.43	13.6	5.808	3.798	11
12	1.188	1.208	2.408	10.8	9.88	8.58	147 A	15.0 A	8.84	13.3	5.708	3.468	12
13	1.188	1.208	2.508	12.0	9.32	10.8	131 A	22.3 A	8.84	12.5	5.708	3.178	13
14	1.188	1.208	2.108	14.3	9.36	52.8	114 A	21.5 A	8.02	12.0	5.808	3.068	14
15	1.188	1.208	4.208	13.7	9.37	52.8	96.3A	20.4 A	8.84	11.4	5.908	2.928	15
16	1.188	1.208	4.208	12.0	9.40	51.8	88.2A	18.1	8.18	10.8	5.608	2.788	16
17	1.188	1.208	4.128	11.1	9.87	58.2	82.8A	16.5	8.84	10.4	5.408	2.728	17
18	1.188	1.208	6.078	11.7	9.71	60.8	78.1A	16.0	10.6	10.1	5.408	2.858	18
19	1.188	1.208	8.228	11.8	9.60	62.8	70.8A	15.8	11.0	9.85	5.308	3.018	19
20	1.188	1.208	8.448	11.4	9.86	37.8	63.8A	16.3	10.8	9.73	5.308	3.048	20
21	1.108	1.218	8.948	11.7	8.83	32.8	57.8A	31.8	10.8	9.54	5.208	3.018	21
22	1.108	1.218	7.648	10.7	8.35	27.8	52.7A	50.1	11.0	9.45	5.208	2.868	22
23	1.108	1.218	8.368	24.7	8.18	24.7	47.0A	52.8	12.8	9.18A	4.878	2.798	23
24	1.108	1.218	8.438	28.1	8.02	21.8	34.7A	52.8	16.5	8.88A	4.818	2.828	24
25	1.108	1.218	8.748	28.2	7.81	18.4	26.3A	50.8	16.8	8.64A	4.768	2.778	25
26	1.058	1.228	9.278	28.5	7.08	16.8	22.8A	44.8	16.8	8.65A	4.308	2.438	26
27	1.058	1.228	9.878	28.5	8.72	16.8	20.3A	39.0	17.1	8.23A	4.278	2.138	27
28	1.058	1.228	10.3 B	28.0	8.27	16.4	18.9A	33.4	17.2	8.04A	4.268	2.038	28
29	1.058	1.228	11.0 B	23.7	8.75	15.9	17.7A	26.8	17.2	8.52A	4.158	2.008	29
30	1.058		11.3 B	21.3	8.86	15.1	18.2A	24.8	17.1	8.18A	3.978	2.378	30
31	1.058		12.6 B		8.72		14.2A	21.8		8.16B		2.568	31
TOTAL	37.00	33.81	156.81	463.46	316.30	673.23	2 068.1	713.67	386.70	381.85	185.61	97.00	TOTAL
MEAN	1.19	1.17	5.13	16.1	10.2	22.4	67.3	23.0	12.8	12.3	5.52	3.13	MEAN
MAX	1.55	1.22	12.6	28.5	16.8	62.8	194	52.8	18.3	18.2	6.90	4.10	MAX
MIN	1.05	1.02	1.22	8.65	8.72	4.63	14.2	9.58	8.84	8.04	3.97	2.00	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.1
MAXIMUM DAILY, 194 ON JUL 8
MINIMUM DAILY, 1.02B ON FEB 1
MAXIMUM INSTANTANEOUS,
208 AT 17:15 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 27 05 N
LONG 113 59 30 W
DRAINAGE AREA, 13 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 200	JUL	180 000
FEB	2 930	AUG	61 700
MAR	13 700	SEP	33 400
APR	41 600	OCT	33 000
MAY	27 300	NOV	14 300
JUN	58 200	DEC	8 380

TOTAL DISCHARGE, 476 000 dam³

PEMBINA RIVER BELOW PADDY CREEK - STATION NO. 07BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.478	3.648	8.80	4.80	22.0	5.10	7.42	12.8	---	---	1
2	---	---	1.478	4.038	8.23	4.82	18.0	5.15	7.07	11.9	---	---	2
3	---	---	1.478	4.428	8.66	4.80	17.8	5.13	6.70	11.2	---	---	3
4	---	---	1.478	4.698	8.18	4.40	19.5	5.38	6.25	10.7	---	---	4
5	---	---	1.478	5.278	7.80	4.35	19.9	5.85	6.03	10.6	---	---	5
6	---	---	1.508	5.278	7.50	4.80	27.8	7.18	5.90	10.4	---	---	6
7	---	---	1.528	5.368	7.35	5.44	42.7	10.5	5.45	9.59	---	---	7
8	---	---	1.548	5.368	7.24	6.58	47.0	21.4	5.10	9.06	---	---	8
9	---	---	1.578	5.468	7.44	31.7	43.1	19.9	5.85	8.61	---	---	9
10	---	---	1.608	5.768	7.48	58.4	35.9	15.7	5.75	8.23	---	---	10
11	---	---	1.638	5.818	7.58	49.5	32.0	13.6	7.63	7.83	---	---	11
12	---	---	1.668	6.028	7.48	50.7	30.1	12.3	8.42	7.58	---	---	12
13	---	---	1.698	6.068	7.38	49.0	28.2	11.0	8.28	7.37	---	---	13
14	---	---	1.728	6.668	7.48	39.9	26.4	10.0	7.72	7.33	---	---	14
15	---	---	1.768	6.428	7.43	31.9	22.2	9.75	7.41	7.18	---	---	15
16	---	---	1.818	7.948	7.53	26.4	18.0	11.4	7.75	7.03	---	---	16
17	---	---	1.878	13.4 B	7.21	21.8	18.0	19.1	8.88	6.84	---	---	17
18	---	---	1.948	18.0 B	6.70	18.3	13.1	29.5	13.4	6.83	---	---	18
19	---	---	2.038	20.3 B	6.24	15.0	11.8	32.4	14.1	6.70	---	---	19
20	---	---	2.198	21.2 B	5.89	13.0	10.8	33.4	13.8	6.65	---	---	20
21	---	---	2.388	23.5 B	5.84	11.6	9.70	32.2	13.5	6.85	---	---	21
22	---	---	2.538	22.8 B	5.38	10.7	8.84	28.1	13.3	6.81	---	---	22
23	---	---	2.718	22.4 B	4.88	10.2	7.72	25.1	12.7	6.71	---	---	23
24	---	---	2.888	21.1 B	4.74	9.88	7.03	20.6	12.3	6.78	---	---	24
25	---	---	3.328	18.7 B	4.88	9.45	6.62	16.3	12.2	6.72	---	---	25
26	---	---	3.488	14.4 B	4.81	9.13	6.13	13.7	12.8	6.638	---	---	26
27	---	---	3.368	12.8 B	4.47	11.0	5.78	12.1	13.2	6.388	---	---	27
28	---	---	3.318	11.6	4.31	15.8	5.81	10.9	13.4	6.208	---	---	28
29	---	---	3.348	10.8	4.25	18.3	5.53	9.88	13.4	6.008	---	---	29
30	---		3.258	10.4	4.56	21.4	5.24	8.95	13.2	5.808	---	---	30
31	---		3.348		4.51		5.19	8.05		5.858		---	31
TOTAL	---	---	67.25	328.62	203.86	572.76	575.86	470.78	282.59	244.24	---	---	TOTAL
MEAN	---	---	2.17	11.0	6.58	19.1	18.6	15.2	9.75	7.88	---	---	MEAN
MAX	---	---	3.48	23.5	8.80	58.4	47.0	33.4	14.1	12.8	---	---	MAX
MIN	---	---	1.47	3.64	4.25	4.35	5.19	5.10	5.85	5.85	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 58.4 ON JUN 10
MINIMUM DAILY, 1.478 ON MAR 1
MAXIMUM INSTANTANEOUS,
61.4 AT 14:01 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 47 N
LONG 115 19 30 W
DRAINAGE AREA, 2 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	49 800
FEB	---	AUG	40 700
MAR	5 810	SEP	28 300
APR	28 500	OCT	21 100
MAY	17 500	NOV	---
JUN	49 500	DEC	---

TOTAL DISCHARGE, 236 000 dam³

PEMBINA RIVER NEAR ENTWISTLE - STATION NO. 07EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.508	1.258	1.658	5.188	12.5	5.38	27.5	6.85	12.6	17.3	5.32	2.788	1
2	1.508	1.258	1.658	5.068	11.8	5.16	28.0	6.38	11.2	16.8	5.858	2.778	2
3	1.488	1.268	1.708	5.148	11.1	4.88	25.8	6.37	10.0	16.8	5.658	2.858	3
4	1.458	1.278	1.808	5.328	10.1	4.70	23.8	6.07	9.10	16.0	5.428	2.808	4
5	1.418	1.278	1.858	5.288	9.47	5.07	28.4	6.01	8.36	14.0	5.208	2.428	5
6	1.358	1.278	2.108	5.668	8.95	5.20	55.0	6.09	7.76	13.4	4.878	2.408	6
7	1.308	1.278	2.308	6.188	8.65	4.89	94.9	11.3	7.27	13.1	4.738	2.408	7
8	1.258	1.278	2.408	6.448	8.15	5.36	98.1	14.5	6.89	12.5	4.508	2.408	8
9	1.258	1.278	2.608	6.628	7.88	6.46	80.8	21.0	6.63	11.5	3.608	2.408	9
10	1.208	1.278	2.758	11.3 B	7.60	27.8	60.6	26.4	6.87	10.7	3.758	2.458	10
11	1.208	1.288	2.908	10.6 B	7.85	56.7	68.8	22.4	7.05	9.88	3.718	2.528	11
12	1.158	1.288	3.058	9.248	7.87	52.6	57.6	18.8	7.80	9.32	3.678	2.558	12
13	1.158	1.288	3.158	8.038	8.05	53.0	51.2	17.8	8.75	8.75	3.628	2.588	13
14	1.108	1.288	3.258	8.988	8.16	50.8	46.6	16.0	8.88	8.47	3.588	2.588	14
15	1.108	1.288	3.308	8.87	8.02	43.2	41.8	15.0	8.30	8.31	3.548	2.578	15
16	1.158	1.288	3.258	10.1	8.00	36.8	38.8	15.8	8.15	8.07	3.508	2.588	16
17	1.158	1.288	3.408	10.8	7.78	31.2	31.8	21.7	8.15	7.80	3.468	2.588	17
18	1.208	1.288	3.008	15.5	8.00	26.8	27.0	28.2	8.84	7.38	3.418	2.588	18
19	1.258	1.288	3.008	23.0	7.85	22.8	23.8	48.7	13.1	7.16	3.378	2.588	19
20	1.358	1.298	2.308	26.2	7.12	20.1	21.3	47.8	17.3	6.95	3.338	2.608	20
21	1.458	1.318	3.608	24.1	6.65	17.7	19.4	47.8	17.2	6.78	3.308	2.608	21
22	1.508	1.318	4.878	25.2	6.20	15.7	17.4	45.2	16.7	6.70	3.288	2.618	22
23	1.558	1.318	5.208	24.6	5.85	14.5	15.3	40.4	16.7	6.55	3.288	2.618	23
24	1.558	1.318	7.078	23.0	5.60	17.2	13.7	35.8	16.2	6.65	3.288	2.628	24
25	1.508	1.318	7.418	22.8	6.86	15.6	12.8	30.0	16.1	6.67	3.288	2.638	25
26	1.508	1.358	7.428	20.4	6.63	15.3	11.1	26.1	16.2	6.65	3.268	2.638	26
27	1.488	1.408	8.778	17.8	6.50	16.7	9.86	22.4	16.6	6.63	3.178	2.648	27
28	1.458	1.408	10.4 B	15.1	6.46	16.5	8.73	20.2	17.6	6.70	3.068	2.648	28
29	1.408	1.458	10.3 B	14.5	6.46	22.2	8.00	17.6	17.6	6.61	2.838	2.658	29
30	1.358		9.818	13.7	6.88	28.8	7.57	16.0	17.6	6.71	2.828	2.658	30
31	1.308		9.038		6.77		8.18	14.3		6.62		2.668	31
TOTAL	41.46	37.63	137.48	426.17	232.72	650.90	1 098.38	667.27	356.31	280.80	117.06	78.62	TOTAL
MEAN	1.34	1.30	4.43	14.2	7.54	21.7	35.1	22.2	11.9	9.37	3.80	2.67	MEAN
MAX	1.56	1.46	10.4	26.2	12.5	56.7	98.1	47.8	17.6	17.3	5.32	2.78	MAX
MIN	1.10	1.26	1.65	5.06	4.46	4.70	7.57	6.01	6.69	6.61	2.82	2.40	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 98.1 ON JUL 8
MINIMUM DAILY, 1.108 ON JAN 14
MAXIMUM INSTANTANEOUS,
103 AT 01:28 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 18 N
LONG 115 00 14 W
DRAINAGE AREA, 4 420 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 580	JUL	84 100
FEB	3 280	AUG	68 400
MAR	11 900	SEP	30 800
APR	36 700	OCT	26 100
MAY	20 200	NOV	10 100
JUN	56 200	DEC	6 800

TOTAL DISCHARGE, 358 000 dam³

PIGEON LAKE AT GRANDVIEW - STATION NO. 05FA013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	849.863	849.903	849.894	849.886	849.880	849.800E	---	1
2	---	---	---	---	---	849.878	849.887	849.890	849.886	849.858	849.800E	---	2
3	---	---	---	---	---	849.876	849.883	849.886	849.883E	849.854E	849.800	---	3
4	---	---	---	---	---	849.869	849.881	849.876	849.880	849.852E	---	---	4
5	---	---	---	---	---	849.861	849.887	849.876	849.872	849.850	---	---	5
6	---	---	---	849.870	---	849.863E	849.920E	849.862E	849.870	849.850	---	---	6
7	---	---	---	---	---	849.865	849.853	849.886	849.867E	849.852	---	---	7
8	---	---	---	---	---	849.863	849.851	849.886	849.884	849.850	---	---	8
9	---	---	---	---	---	849.823	849.846E	849.882	849.880	849.848	---	---	9
10	---	---	---	---	---	849.833	849.844E	849.886	849.874	849.846	---	---	10
11	---	---	---	---	---	---	849.838E	849.841	849.877	849.876	849.848	---	11
12	---	---	---	---	849.839	849.823	849.841	849.880	849.876E	849.848	---	---	12
13	---	---	---	---	849.834E	849.823	849.849	849.876	849.877E	849.844	---	---	13
14	---	---	---	---	849.830E	849.833	849.841	849.870	849.877E	849.844	---	---	14
15	---	---	---	---	849.826	849.828E	849.843	849.874	849.877E	849.844E	---	---	15
16	---	---	---	---	849.821	849.823	849.837	849.878E	849.876E	849.844	---	---	16
17	---	---	---	---	849.819	849.821	849.837	849.884	849.878E	849.842	---	---	17
18	---	---	---	---	849.811	849.820E	849.838E	849.886	849.875E	849.836	---	---	18
19	---	---	---	---	849.808	849.818	849.835	849.886	849.875E	849.834	---	---	19
20	---	---	---	849.870	849.803	849.816E	849.827	849.903E	849.875E	849.832E	---	---	20
21	---	---	---	---	849.803	849.813	849.826	849.908E	849.874E	849.830	---	---	21
22	---	---	---	---	849.803	849.807	849.826	849.914	849.874	849.827E	---	---	22
23	---	---	---	---	849.807	849.807	849.818	849.914	849.870	849.824	---	---	23
24	---	---	849.862	---	849.806	849.809	849.808	849.910	849.886	849.822	---	---	24
25	---	---	---	---	849.801	849.801	849.808	849.908	849.885E	849.816E	---	---	25
26	---	---	---	---	849.801	849.803	849.802	849.900	849.882	849.810E	---	---	26
27	---	---	---	---	849.807	849.801	849.808	849.888	849.880	849.804	---	---	27
28	---	---	---	---	849.805	849.803	849.800	849.886	849.880	849.802	---	---	28
29	---	849.873	---	---	849.806E	849.807	849.898	849.884	849.887	849.801E	---	---	29
30	---	---	---	---	849.800E	849.804	849.884	849.882	849.882	849.800	---	---	30
31	---		---		849.893		849.888	849.889E		849.800E		---	31
MEAN	---	---	---	---	---	849.808	849.821	849.891	849.872	849.824	---	---	MEAN
MAX	---	---	---	---	---	849.933	849.963	849.914	849.886	849.880	---	---	MAX
MIN	---	---	---	---	---	849.869	849.887	849.870	849.857	849.800	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 59 15 N
LONG 114 03 10 W

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA, 284 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

PIGEON LAKE CREEK NEAR USONA - STATION NO. 05FA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.010E	E	0	0	0	0	0.006	0.012E	---	1
2	---	---	0	0.018E	E	0	0	0	0.077	0.006	0.010E	---	2
3	---	---	0	0.030E	E	0	0	0	0.013	0.040	0.006E	---	3
4	---	---	0	0.084E	0.002	0	0	0	0	0.012	---	---	4
5	---	---	0	0.100E	0.002	0	0.001	0	0	0.006	---	---	5
6	---	---	0	0.188E	0.002	0	0.013	0	0	0.007	---	---	6
7	---	---	0	0.040E	0.001	0	0.121	0	0.001	0.006	---	---	7
8	---	---	0	0.020E	E	0.011	0.127	0	0.004	0.006	---	---	8
9	---	---	0	0.013E	E	0.021	0.102	0	0.001	0.007	---	---	9
10	---	---	0	0.009	0	0.048	0.094	0	0.008	0.007	---	---	10
11	---	---	0	0.007	0	0.010	0.191	0	0.001	0.006	---	---	11
12	---	---	0	0.005	0	0.087	0.106	0	0	0.006	---	---	12
13	---	---	0	0.004	0	0.288	0.133	0	0	0.006	---	---	13
14	---	---	0	0.004	0	0.028	0.148	0.001	0.001	0.006	---	---	14
15	---	---	0	0.003	0	0.003	0.113	0	0.003	0.006	---	---	15
16	---	---	0	0.003	0	0.001	0.088	0.004	0.006	0.005	---	---	16
17	---	---	0	0.003	0	0	0.028	0.002	0.004	0.043	---	---	17
18	---	---	0.002E	0.002	0	0	0.007	0.007	0.047	0.006	---	---	18
19	---	---	0.003E	0.002	0	0	0.006	0.003	0.116	0.003	---	---	19
20	---	---	0.004E	0.002	0	0	0	0.010	0.086	0.006	---	---	20
21	---	---	0.006E	0.001	0	0	0	0.162	0.131	0.051	---	---	21
22	---	---	0.006E	0	0	0	0	0.208	0.241	0.045	---	---	22
23	---	---	0.010E	0	0	0	0.005	0.203	0.141	0.030	---	---	23
24	---	---	0.013E	0	0	0	0	0.097	0.018	0.020	---	---	24
25	---	---	0.011E	0	0	0	0	0.061	0.010	0.012	---	---	25
26	---	---	0.007E	0.038	0	0	0	0.023	0.011	0.012	---	---	26
27	---	---	0.004E	0.024	0	0	0	0.007	0.133	0.008E	---	---	27
28	---	---	0.002E	0.002	0	0	0	0.002	0.041	0.008E	---	---	28
29	---	0	0.002E	0	0	0	0	0	0.025	0.008E	---	---	29
30	---	---	0.004E	0	0	0	0	0	0.024	0.008E	---	---	30
31	---		0.006E		0		0	0		0.010E		---	31
TOTAL	---	---	0.082	0.592	0.007	0.497	1.302	0.791	1.111	0.429	---	---	TOTAL
MEAN	---	---	0.003	0.020	0	0.017	0.042	0.026	0.037	0.014	---	---	MEAN
MAX	---	---	0.013	0.188	0.002	0.288	0.191	0.208	0.241	0.051	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.288 ON JUN 13
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.870 AT 23:28 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 10 N
LONG 113 53 47 W
DRAINAGE AREA, 377 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	112
FEB	---	AUG	68.3
MAR	7.08	SEP	88.0
APR	51.1	OCT	37.1
MAY	0.60	NOV	---
JUN	42.9	DEC	---

TOTAL DISCHARGE, 416 dam³

PINCHER CREEK AT PINCHER CREEK - STATION NO. 05AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1438	0.3338	0.886	1.48	0.288	0.082	0.033	0.344	0.1408	---	1
2	---	---	0.1428	0.3508	0.904	1.30	0.218	0.333	0.028	0.324	---	---	2
3	---	---	0.1428	0.3638	0.837	1.14	0.183	0.348	0.030	0.311	---	---	3
4	---	---	0.1438	0.3768	0.891	1.13	0.192	0.234	0.048	0.292	---	---	4
5	---	---	0.1448	0.3908	1.12	1.20	0.348	0.103	0.087	0.278	---	---	5
6	---	---	0.1438	0.4208	1.38	1.18	0.388	0.083	0.081	0.283	---	---	6
7	---	---	0.1418	0.4408	2.18	1.38	0.298	0.088	0.087	0.250	---	---	7
8	---	---	0.1418	0.4708	1.98	1.70	0.183	0.158	0.070	0.234	---	---	8
9	---	---	0.1408	0.5138	1.82	1.62	0.158	0.118	0.078	0.228	---	---	9
10	---	---	0.1398	0.5408	2.03	1.31	0.148	0.088	0.088	0.224	---	---	10
11	---	---	0.1428	0.5808	2.26	1.19	0.148	0.078	0.150	0.218	---	---	11
12	---	---	0.1448	0.6078	2.47	1.08	0.137	0.084	0.151	0.205	---	---	12
13	---	---	0.1478	0.686	2.81	1.00	0.113	0.078	0.118	0.187	---	---	13
14	---	---	0.1438	0.812	2.28	0.804	0.088	0.073	0.105	0.192	---	---	14
15	---	---	0.1388	0.710	1.82	0.788	0.078	0.087	0.088	0.188	---	---	15
16	---	---	0.1408	0.871	1.72	0.710	0.088	0.087	0.111	0.208	---	---	16
17	---	---	0.1418	0.976	1.84	0.887	0.083	0.135	0.180	0.218	---	---	17
18	---	---	0.1418	0.886	1.72	0.834	0.071	0.118	0.184	0.176	---	---	18
19	---	---	0.1488	0.922	1.48	0.810	0.110	0.072	0.151	0.147	---	---	19
20	---	---	0.1768	0.902	1.32	0.862	0.117	0.081	0.161	0.142	---	---	20
21	---	---	0.2108	0.848	1.21	0.812	0.089	0.121	0.185	0.122	---	---	21
22	---	0.1358	0.2858	0.776	1.18	0.488	0.077	0.132	0.185	0.134	---	---	22
23	---	0.1388	0.3028	0.880	1.28	0.430	0.082	0.105	0.180	0.140	---	---	23
24	---	0.1408	0.3108	0.716	1.82	0.377	0.028	0.078	0.204	0.138	---	---	24
25	---	0.1418	0.3218	0.782	1.44	0.344	0.017	0.083	0.284	0.138	---	---	25
26	---	0.1428	0.3228	0.782	1.30	0.336	0.012	0.121	0.488	0.1368	---	---	26
27	---	0.1438	0.3218	0.785	1.38	0.308	0.010A	0.228	0.803	0.1488	---	---	27
28	---	0.1488	0.3188	0.788	1.28	0.342	0.018A	0.188	0.511	0.1478	---	---	28
29	---	0.1508	0.3208	0.860	1.38	0.478	0.007	0.158	0.438	0.1478	---	---	29
30	---		0.3238	1.02	1.42	0.333	0.008	0.128	0.382	0.1508	---	---	30
31	---		0.3278		1.70		0.008	0.091		0.158		---	31
TOTAL	---	---	5.209	20.076	48.778	25.414	3.868	3.842	5.388	5.182	---	---	TOTAL
MEAN	---	---	0.200	0.688	1.57	0.847	0.118	0.127	0.178	0.200	---	---	MEAN
MAX	---	---	0.327	1.02	2.81	1.70	0.388	0.348	0.803	0.344	---	---	MAX
MIN	---	---	0.138	0.333	0.837	0.308	0.008	0.083	0.028	0.122	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 2.81 ON MAY 13
MINIMUM DAILY, 0.008 ON JUL 30
MAXIMUM INSTANTANEOUS,
3.78 AT 03:40 MST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 13 N
LONG 113 58 49 W
DRAINAGE AREA, 186 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	318
FEB	---	AUG	341
MAR	838	SEP	483
APR	1 730	OCT	536
MAY	4 210	NOV	---
JUN	2 200	DEC	---

TOTAL DISCHARGE, 10 200 dam³

PINE CREEK NEAR GRASSLAND - STATION NO. 07CA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	0.1678	0.182	0.248	0.181	0.020	0.005	0.004	0.0058	---	1
2	---	---	0.0028	0.1638	0.187	0.248	0.178	0.074	0.002	0.005	---	---	2
3	---	---	0.0028	0.1808	0.183	0.245	0.174	0.023	0.002	0.008	---	---	3
4	---	---	0.0248	0.2118	0.171	0.248	0.188	0.018	0.003	0.003	---	---	4
5	---	---	0.0288	0.2318	0.178	0.268	0.188	0.018	0.004	0.002	---	---	5
6	---	---	0.0288	0.2188	0.178	0.282	0.237	0.022	0.004	0.002	---	---	6
7	---	---	0.0308	0.2458	0.188	0.283	0.230	0.034	0.005	0.003	---	---	7
8	---	---	0.0408	0.2588	0.181	0.280	0.212	0.031	0.007	0.007	---	---	8
9	---	---	0.0678	0.2528	0.188	0.295	0.222	0.023	0.005	0.012	---	---	9
10	---	---	0.1748	0.2288	0.193	0.292	0.270	0.017	0.008	0.016	---	---	10
11	---	---	0.1678	0.1808	0.188	0.317	0.251	0.014	0.011	0.014	---	---	11
12	---	---	0.1738	0.1918	0.182	0.347	0.237	0.018	0.014	0.017	---	---	12
13	---	---	0.1848	0.2368	0.188	0.380	0.230	0.012	0.014	0.020	---	---	13
14	---	---	0.3218	0.0678	0.178	0.382	0.258	0.008	0.011	0.022	---	---	14
15	---	---	0.3338	0.0688	0.178	0.368	0.288	0.014	0.013	0.028	---	---	15
16	---	---	0.2888	0.0228	0.213	0.278	0.254	0.018	0.018	0.038	---	---	16
17	---	---	0.2338	0.0108	0.202	0.314	0.288	0.018	0.011	0.033	---	---	17
18	---	---	0.2238	0.0078	0.182	0.308	0.287	0.023	0.008	0.030	---	---	18
19	---	---	0.2338	0.0108	0.180	0.242	0.208	0.028	0.001	0.030	---	---	19
20	---	---	0.2068	0.018	0.191	0.228	0.193	0.037	0.001	0.036	---	---	20
21	---	---	0.1838	0.034	0.181	0.240	0.197	0.042	0.002	0.038	---	---	21
22	---	---	0.1768	0.058	0.181	0.228	0.123	0.038	0.002	0.038	---	---	22
23	---	---	0.1728	0.064	0.185	0.213	0.088	0.035	0.002	0.038	---	---	23
24	---	---	0.2048	0.077	0.184	0.194	0.040	0.038	0.002	0.025	---	---	24
25	---	---	0.1888	0.068	0.184	0.182	0.032	0.038	0.002	0.018	---	---	25
26	---	---	0.1678	0.111	0.187	0.174	0.030	0.031	0.003	0.0108	---	---	26
27	---	---	0.1648	0.131	0.187	0.218	0.033	0.028	0.003	0.0088	---	---	27
28	---	---	0.1798	0.144	0.183	0.218	0.028	0.025	0.003	0.0068	---	---	28
29	---	---	0.1838	0.185	0.187	0.301	0.038	0.024	0.004	0.0078	---	---	29
30	---		0.1328	0.161	0.228	0.194	0.055	0.020	0.004	0.0068	---	---	30
31	---		0.1418		0.243		0.010	0.011		0.0068		---	31
TOTAL	---	---	4.682	3.980	5.757	7.952	5.178	0.798	0.172	0.528	---	---	TOTAL
MEAN	---	---	0.151	0.132	0.186	0.265	0.167	0.026	0.006	0.017	---	---	MEAN
MAX	---	---	0.333	0.258	0.243	0.382	0.288	0.074	0.018	0.038	---	---	MAX
MIN	---	---	0.002	0.007	0.157	0.174	0.010	0.008	0.001	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.118
MAXIMUM DAILY, 0.382 ON JUN 14
MINIMUM DAILY, 0.001 ON SEP 19
MAXIMUM INSTANTANEOUS,
0.732 AT 23:30 MST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 12 N
LONG 113 48 34 W
DRAINAGE AREA, 1 450 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	447
FEB	---	AUG	88.8
MAR	405	SEP	14.8
APR	342	OCT	45.8
MAY	487	NOV	---
JUN	887	DEC	---

TOTAL DISCHARGE, 2 910 dam³

PINTO CREEK NEAR GRANDE PRAIRIE - STATION NO. 07EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1400	0.7000	1.58	0.418	1.87	0.101	0.048	0.060	---	---	1
2	---	---	0.1380	0.8970	1.32	0.452	1.07	0.103	0.048	0.058	---	---	2
3	---	---	0.1420	1.06 B	1.21	0.801	0.888	0.087	0.048	0.054	---	---	3
4	---	---	0.1360	1.16 B	1.10	0.590	0.844	0.094	0.047	0.053	---	---	4
5	---	---	0.1440	1.14 B	1.03	0.541	0.815	0.088	0.046	0.052	---	---	5
6	---	---	0.1500	1.10 B	0.951	3.04	0.959	0.081	0.052	0.053	---	---	6
7	---	---	0.1820	1.13 B	1.02	8.68	1.02	0.085	0.060	0.054	---	---	7
8	---	---	0.1420	1.17 B	0.921	8.24	0.875	0.080	0.054	0.056	---	---	8
9	---	---	0.1440	1.25 B	0.893	8.68	0.879	0.076	0.050	0.058	---	---	9
10	---	---	0.1540	1.40 B	0.864	4.30	0.834	0.074	0.051	0.058	---	---	10
11	---	---	0.1660	1.83 B	0.836	5.79	0.862	0.077	0.050	0.055	---	---	11
12	---	---	0.1480	2.56 B	0.804	17.6	0.783	0.078	0.050	0.052	---	---	12
13	---	---	0.1620	2.73 B	0.733	10.5	0.906	0.076	0.055	0.053	---	---	13
14	---	---	0.1900	2.77 B	0.720	8.35	0.729	0.077	0.054	0.058	---	---	14
15	---	---	0.1980	2.85 B	0.695	4.14	0.535	0.075	0.053	0.055	---	---	15
16	---	---	0.1900	3.11 B	0.626	3.47	0.421	0.077	0.050	0.057	---	---	16
17	---	---	0.1700	3.45 B	0.564	2.65	0.339	0.105	0.075	0.054	---	---	17
18	---	---	0.1900	3.51 B	0.527	2.15	0.300	0.204	0.068	0.053	---	---	18
19	---	---	0.2140	3.67	0.486	1.69	0.272	0.127	0.053	0.054	---	---	19
20	---	---	0.2140	3.26	0.447	1.31	0.255	0.085	0.056	0.053	---	---	20
21	---	---	0.2180	3.36	0.418	1.07	0.226	0.081	0.056	0.054	---	---	21
22	---	---	0.2680	2.06	0.418	0.894	0.201	0.085	0.055	0.058	---	---	22
23	---	---	0.3060	2.73	0.383	0.810	0.176	0.082	0.062	0.061	---	---	23
24	---	0.1540	0.3540	2.51	0.418	0.722	0.152	0.075	0.058	0.062	---	---	24
25	---	0.1480	0.3680	2.41	0.407	0.580	0.141	0.071	0.056	0.062	---	---	25
26	---	0.1480	0.3600	2.26	0.408	0.488	0.132	0.067	0.055	0.063	---	---	26
27	---	0.1400	0.3380	2.17	0.377	0.426	0.123	0.064	0.058	0.061	---	---	27
28	---	0.1300	0.3480	2.11	0.371	0.426	0.120	0.064	0.060	0.056	---	---	28
29	---	0.1340	0.4260	1.98	0.388	0.606	0.116	0.061	0.062	0.051	---	---	29
30	---		0.4880	1.81	0.402	1.61	0.107	0.058	0.061	0.0488	---	---	30
31	---		0.8388		0.401		0.088	0.050		0.0508		---	31
TOTAL	---	---	7.405	65.488	21.711	87.975	18.144	2.849	1.718	1.740	---	---	TOTAL
MEAN	---	---	0.239	2.18	0.700	3.27	0.521	0.085	0.057	0.056	---	---	MEAN
MAX	---	---	0.838	3.67	1.58	17.6	1.87	0.204	0.075	0.063	---	---	MAX
MIN	---	---	0.136	0.700	0.371	0.418	0.088	0.050	0.048	0.048	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.877
MAXIMUM DAILY, 17.6 ON JUN 12
MINIMUM DAILY, 0.048 ON SEP 5
MAXIMUM INSTANTANEOUS,
21.3 AT 01:00 MST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 50 35 N
LONG 118 23 32 W
DRAINAGE AREA, 498 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 380
FEB	---	AUG	220
MAR	640	SEP	148
APR	5 880	OCT	150
MAY	1 880	NOV	---
JUN	8 470	DEC	---

TOTAL DISCHARGE, 18 600 dam³

PIPESTONE CREEK BELOW BIGSTONE CREEK - STATION NO. 05FA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0188	0.1068	0.128	0.011	0.118	0.001	0.023	0.051	0.0068	---	1
2	---	---	0.0188	0.1808	0.125	0.008	0.084	0.006	0.018	0.038	0.0228	---	2
3	---	---	0.0188	0.2348	0.118	0.007	0.070	0.011	0.016	0.023	0.0608	---	3
4	---	---	0.0188	0.2778	0.128	0.013	0.068	0.018	0.013	0.018	---	---	4
5	---	---	0.0168	0.2178	0.113	0.037	0.063	0.012	0.008	0.014	---	---	5
6	---	---	0.0188	0.1808	0.082	0.027	0.926	0.033	0.008	0.015	---	---	6
7	---	---	0.0168	0.2268	0.086	0.024	0.768	0.058	0.011	0.011	---	---	7
8	---	---	0.0228	0.1888	0.113	0.028	0.408	0.080	0.008	0.016	---	---	8
9	---	---	0.0258	0.1768	0.102	0.182	0.250	0.078	0.003	0.022	---	---	9
10	---	---	0.0288	0.2268	0.084	0.131	0.137	0.073	0.006	0.023	---	---	10
11	---	---	0.0318	0.3188	0.081	0.081	0.083	0.068	0.056	0.024	---	---	11
12	---	---	0.0328	0.3868	0.078	0.042	0.048	0.066	0.081	0.035	---	---	12
13	---	---	0.0338	0.3788	0.070	0.017	0.044	0.062	0.044	0.041	---	---	13
14	---	---	0.0318	0.3018	0.075	0.007	0.001	0.058	0.034	0.048	---	---	14
15	---	---	0.0298	0.288	0.067	0.002	0.003	0.060	0.018	0.068	---	---	15
16	---	---	0.0268	0.238	0.048	0.001	0.001	0.044	0.008	0.057	---	---	16
17	---	---	0.0278	0.248	0.051	0.001	0.001	0.043	0.004	0.068	---	---	17
18	---	---	0.0408	0.273	0.057	0.001	0.001	0.063	0.032	0.063	---	---	18
19	---	---	0.0458	0.268	0.064	0.001	0.001	0.082	0.037	0.038	---	---	19
20	---	---	0.1508	0.237	0.085	0.001	0.001	0.128	0.033	0.030	---	---	20
21	---	---	0.1468	0.172	0.082	0.001	0.001	0.285	0.068	0.024	---	---	21
22	---	---	0.1388	0.104	0.073	0.001	0.001	0.242	0.074	0.021	---	---	22
23	---	---	0.1138	0.088	0.036	0.004	0.001	0.187	0.071	0.018	---	---	23
24	---	---	0.0838	0.043	0.017	0.025	0.001	0.154	0.070	0.005	---	---	24
25	---	---	0.0738	0.032	0.013	0.023	0.001	0.088	0.058	0.002	---	---	25
26	---	---	0.0368	0.033	0.008	0.033	0.001	0.084	0.058	0.005	---	---	26
27	---	---	0.0468	0.043	0.061	0.027	0.001	0.068	0.054	0.0018	---	---	27
28	---	---	0.0548	0.073	0.061	0.022	0.001	0.054	0.048	0.0018	---	---	28
29	---	0.0188	0.0618	0.095	0.061	0.088	0.001	0.040	0.045	0.0018	---	---	29
30	---		0.0368	0.123	0.011	0.145	0.001	0.028	0.048	0.0038	---	---	30
31	---		0.0368		0.013		0.001	0.025		0.0068		---	31
TOTAL	---	---	1.518	5.838	2.038	0.884	3.065	2.331	1.034	0.758	---	---	TOTAL
MEAN	---	---	0.048	0.188	0.068	0.032	0.098	0.075	0.034	0.024	---	---	MEAN
MAX	---	---	0.150	0.378	0.128	0.182	0.926	0.285	0.081	0.068	---	---	MAX
MIN	---	---	0.018	0.032	0.001	0.001	0.001	0.001	0.003	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 0.926 ON JUL 6
MINIMUM DAILY, 0.001 ON MAY 27
MAXIMUM INSTANTANEOUS,
1.48 AT 21:28 MST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 02 25 N
LONG 113 21 54 W
DRAINAGE AREA, 1 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	284
FEB	---	AUG	201
MAR	131	SEP	88.2
APR	487	OCT	86.2
MAY	176	NOV	---
JUN	83.3	DEC	---

TOTAL DISCHARGE, 1 500 dam³

PIPESTONE RIVER NEAR LAKE LOUISE - STATION NO. 05BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6658	0.6688	0.9358	0.9188	3.80	13.1	12.9	10.6	8.53	8.17	2.30 B	2.138	1
2	0.6158	0.6788	0.9498	0.9238	3.46	12.1	17.6	9.35	8.54	5.84	2.31 B	2.238	2
3	0.6208	0.6828	0.9608	0.9288	3.33	12.4	16.1	9.02	7.17	5.31	2.20 B	2.338	3
4	0.6288	0.7038	0.9758	0.9288	3.37	14.8	15.3	8.83	7.46	5.01	1.89 B	2.258	4
5	0.6208	0.7138	0.9608	0.9188	3.33	18.4	16.2	9.35	7.46	4.84	1.82 B	2.128	5
6	0.6388	0.7188	0.9248	0.9468	3.89	32.8	21.8	9.55	7.42	4.81	1.82 B	1.888	6
7	0.6348	0.7128	0.9188	0.9838	4.33	47.4	18.0	8.80	7.17	4.73	1.58 B	1.858	7
8	0.6428	0.7078	0.9468	1.04 B	5.72	65.3	16.8	7.58	6.85	4.56	1.23 B	1.698	8
9	0.6518	0.6988	0.9318	1.70 B	7.14	32.5	16.5	8.58	8.26	4.43	1.16 B	2.058	9
10	0.6428	0.6848	0.8978	1.13 B	8.26	22.2	16.1	8.98	8.04	4.35	1.15 B	2.588	10
11	0.6888	0.6718	1.38 B	1.18 B	8.83	18.1	16.8	8.09	8.09E	4.27	1.10 B	2.058	11
12	0.7208	0.6808	1.62 B	1.21 B	11.0	15.8	18.4	7.53	8.15E	4.22	1.15 B	1.748	12
13	0.7788	0.7468	0.9188	1.25	14.4	14.9	15.2	7.43	8.22E	4.19	1.07 B	1.358	13
14	0.6718	0.7378	0.8888	1.37	13.3	15.4	13.7	7.88	8.29A	4.18	1.08 B	1.478	14
15	0.6828	0.8878	0.8228	1.58	10.5	17.3	12.3	7.98	8.35A	4.19	1.08 B	1.358	15
16	0.6728	0.6718	0.7278	1.87	10.8	21.3	11.2	7.88	8.42A	4.20	1.07 B	1.388	16
17	0.8028	0.7008	0.8088	2.37	13.4	24.8	10.2	8.27	4.71	4.20	1.10 B	1.418	17
18	0.7818	0.6718	0.8038	3.73	11.0	22.8	9.38	8.58	3.83A	3.74	1.11 B	1.458	18
19	0.7828	0.6448	0.8028	5.03	9.36	19.6	9.08	8.36	3.89A	3.77	1.13 B	1.408	19
20	0.7408	0.6308	0.8028	4.70	8.89	18.2	9.55	8.00	4.01A	3.80	1.14 B	1.318	20
21	0.7508	0.6148	0.7448	4.45	8.80	16.8	10.7	7.85	3.87E	3.81	1.12 B	1.338	21
22	0.7588	0.5778	0.7588	4.33	11.4	19.0	11.2	7.17	3.82E	3.80	1.08 B	1.358	22
23	0.7898	0.6208	0.7858	4.03	16.8	20.5	9.80	7.01	3.88E	3.80	1.04 B	1.278	23
24	0.7538	1.06 B	0.7348	4.08	18.4	19.2	8.89	7.52	3.88E	3.78	0.8958	1.208	24
25	0.7528	1.04 B	0.7248	3.54	15.5	17.0	9.83	7.88	3.82E	3.56	0.8878	1.148	25
26	0.7508	0.8838	0.7738	3.18	14.9	18.3	10.0	8.78	3.78E	3.36	0.8788	1.188	26
27	0.7428	1.01 B	0.8008	3.23	14.9	19.5	10.2	8.36	3.74E	2.83	0.8808	1.278	27
28	0.7288	0.8598	1.10 B	3.53	14.1	18.7	9.57	7.96	3.70A	2.458	1.20 B	1.298	28
29	0.7128	0.8538	0.8858	3.95	16.1	17.4	8.87	7.98	3.65	2.388	1.65 B	1.238	29
30	0.6858		0.8178	4.09	14.2	15.1	8.97	8.63	3.59	2.388	2.36 B	1.188	30
31	0.6858		0.8928		13.6		8.80	7.14		2.338		1.038	31
TOTAL	22.242	21.718	28.153	73.124	318.31	638.9	401.83	258.45	153.78	125.09	41.080	49.59	TOTAL
MEAN	0.717	0.748	0.808	2.44	10.3	21.3	13.0	8.37	5.13	4.04	1.37	1.80	MEAN
MAX	0.871	1.06	1.62	5.03	16.8	65.3	21.8	10.8	7.46	8.17	2.36	2.58	MAX
MIN	0.615	0.577	0.727	0.918	3.33	12.1	8.87	7.01	3.65	2.33	0.978	1.03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.82
MAXIMUM DAILY, 65.3 ON JUN 8
MINIMUM DAILY, 0.5778 ON FEB 22
MAXIMUM INSTANTANEOUS,
113 AT 02:03 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 02 N
LONG 116 10 20 W
DRAINAGE AREA, 308 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 930	JUL	34 700
FEB	1 660	AUG	22 400
MAR	2 430	SEP	13 300
APR	8 320	OCT	10 800
MAY	27 500	NOV	3 550
JUN	55 300	DEC	4 280

TOTAL DISCHARGE, 184 000 dam³

PIYAMI DRAIN NEAR PICTURE BUTTE - STATION NO. 05AD037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.348	0.782A	0.841	0.887	0.381	0.340	---	---	1
2	---	---	---	---	0.828	0.581A	0.844	1.58	0.408	0.418	---	---	2
3	---	---	---	---	0.533	0.561	0.909	0.832	0.419	0.662	---	---	3
4	---	---	---	---	0.578	0.847	1.08	0.593	0.468	0.401	---	---	4
5	---	---	---	---	0.948	0.718	1.02	0.354	0.537	0.348	---	---	5
6	---	---	---	---	0.748	0.889	1.11	0.302	0.582	0.380	---	---	6
7	---	---	---	---	0.889	0.587	0.911	0.302	0.502	0.430	---	---	7
8	---	---	---	---	1.02	0.780	0.834	0.272	0.384	0.385	---	---	8
9	---	---	---	---	0.887	1.14	0.788	0.288	0.421	0.512	---	---	9
10	---	---	---	---	0.687	0.767	0.700A	0.308	0.392	0.507	---	---	10
11	---	---	---	---	0.827	0.742A	0.828A	0.288	0.448	0.524	---	---	11
12	---	---	---	---	0.727	0.674A	1.53	0.278	0.388	0.466	---	---	12
13	---	---	---	---	0.778	0.741A	1.02	0.336	0.334	0.532	---	---	13
14	---	---	---	---	0.838	0.880E	0.820	0.371	0.343	0.801	---	---	14
15	---	---	---	---	0.784	0.844A	0.843	0.418	0.344	0.597	---	---	15
16	---	---	---	---	0.815	0.834	0.787	0.411	0.421	0.488	---	---	16
17	---	---	---	---	0.536	0.841	0.818	0.480	0.328	0.328	---	---	17
18	---	---	---	---	0.482	0.529	0.784	0.578	0.522A	0.124	---	---	18
19	---	---	---	---	0.362	0.438	0.575	0.472	0.480E	0.095	---	---	19
20	---	---	---	---	0.487	0.480	0.484	0.510	0.410E	0.080	---	---	20
21	---	---	---	---	0.838	0.832	0.418	0.826	0.380E	0.044	---	---	21
22	---	---	---	---	0.778	0.522	0.548	0.803	0.340E	0.040	---	---	22
23	---	---	---	---	0.814	0.548	0.528	0.488	0.370E	0.037	---	---	23
24	---	---	---	---	0.788	0.470	0.510	0.384	0.380E	0.024	---	---	24
25	---	---	---	---	0.888	0.387	0.702	0.388	0.400E	0.033	---	---	25
26	---	---	---	---	0.588	0.815	0.818	0.338	0.340E	0.0318	---	---	26
27	---	---	---	0.473A	0.819	0.435	0.714	0.240	0.300E	0.0278	---	---	27
28	---	---	---	0.380	0.782	0.568	0.832	0.218	0.290E	0.0238	---	---	28
29	---	---	---	0.471	0.876	1.18	0.870	0.217	0.331A	0.0188	---	---	29
30	---		---	0.433	0.784	0.835	0.713	0.318	0.311	0.012	---	---	30
31	---		---		0.887		0.781	0.388		0 A		---	31
TOTAL	---	---	---	---	22.090	19.289	24.539	14.225	12.088	8.413	---	---	TOTAL
MEAN	---	---	---	---	0.713	0.643	0.791	0.459	0.403	0.271	---	---	MEAN
MAX	---	---	---	---	1.03	1.18	1.53	1.58	0.562	0.801	---	---	MAX
MIN	---	---	---	---	0.348	0.387	0.418	0.218	0.280	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.647
MAXIMUM DAILY, 1.58 ON AUG 3
MINIMUM DAILY, 0A ON OCT 31

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 49 N
LONG 112 48 43 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 120
FEB	---	AUG	1 230
MAR	---	SEP	1 040
APR	---	OCT	727
MAY	1 910	NOV	---
JUN	1 670	DEC	---

TOTAL DISCHARGE, 8 700 dam³

POINTE-AUX-PINS CREEK NEAR ARDROSSAN - STATION NO. 05EB902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	0.044	0.002	0.021	0.171	0.004	0.004	---	---	1
2	---	---	0 B	0 B	0.033	0	0.018	0.209	0.003	0.003	---	---	2
3	---	---	0 B	0 B	0.013	0	0.047	0.255	0.002	0.003	---	---	3
4	---	---	0 B	0 B	0.035	0	0.058	0.228	0.001	0.002	---	---	4
5	---	---	0 B	0 B	0.028	0	0.116	0.175	0	0.002	---	---	5
6	---	---	0.001B	0.010	0.008	0.001	2.78	0.134	0	0.002	---	---	6
7	---	---	0.001B	0.009	0.009	0.003	3.61	0.107	0	0.002	---	---	7
8	---	---	0.002B	0.008	0.010	0.034	2.80	0.072	0	0.001	---	---	8
9	---	---	0.007B	0.011	0.008	0.280	1.43	0.053	0	0.001	---	---	9
10	---	---	0.007B	0.018	0.008	0.184	0.879	0.021	0	0.001	---	---	10
11	---	---	0.007B	0.016	0.007	0.448	0.508	0.004	0	0.001	---	---	11
12	---	---	0.006B	0.009	0.005	0.574	0.717	0.001	0	0.001	---	---	12
13	---	---	0.005B	0.014	0.004	0.408	1.23	0.001	0	0.001	---	---	13
14	---	---	0.005B	0.026	0.011	0.278	1.32	0.004	0.001	0.001	---	---	14
15	---	---	0.002B	0.041	0.007	0.170	1.22	0.034	0.002	0.001	---	---	15
16	---	---	0.002B	0.085	0.007	0.115	0.877	0.048	0.002	0.001	---	---	16
17	---	---	0.003B	0.072	0.008	0.083	0.803	0.042	0.002	0.001	---	---	17
18	---	---	0.003B	0.030	0.007	0.084	0.418	0.041	0.002	0.001	---	---	18
19	---	---	0.007B	0.020	0.003	0.054	0.330	0.043	0.001	0.001	---	---	19
20	---	---	0.011B	0.010	0.002	0.049	0.289	0.049	0.001	0.001	---	---	20
21	---	---	0.015B	0.007	0.001	0.045	0.187	0.083	0	0.001	---	---	21
22	---	---	0.005B	0.008	0.002	0.041	0.125	0.084	0	0.001	---	---	22
23	---	---	0.005B	0.008	0.004	0.037	0.083	0.029	0	0.001	---	---	23
24	---	---	0.005B	0.011	0.005	0.034	0.084	0.083	0	0.001	---	---	24
25	---	0B	0.005B	0.004	0.008	0.030	0.103	0.081	0	0.001	---	---	25
26	---	0B	0.005B	0.007	0.004	0.025	0.147	0.055	0	0.001	---	---	26
27	---	0B	0.004B	0.009	0.001	0.020	0.150	0.058	0	0.001	---	---	27
28	---	0B	0.003B	0.012	0	0.018	0.181	0.048	0.004	0	---	---	28
29	---	0B	0.002B	0.023	0	0.021	0.189	0.030	0.004	0	---	---	29
30	---		0.001B	0.081	0.001	0.022	0.177	0.021	0.004	0	---	---	30
31	---		0 B		0.004		0.168	0.005		0		---	31
TOTAL	---	---	0.118	0.505	0.280	3.010	20.508	2.220	0.033	0.038	---	---	TOTAL
MEAN	---	---	0.004	0.017	0.009	0.100	0.662	0.072	0.001	0.001	---	---	MEAN
MAX	---	---	0.015	0.072	0.044	0.574	3.61	0.255	0.004	0.004	---	---	MAX
MIN	---	---	0	0	0	0	0.018	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.105
MAXIMUM DAILY, 3.61 ON JUL 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.05 AT 14:45 MST ON JUL 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 58 N
LONG 113 05 48 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 770
FEB	---	AUG	192
MAR	10.3	SEP	2.85
APR	43.7	OCT	3.28
MAY	24.2	NOV	---
JUN	280	DEC	---

TOTAL DISCHARGE, 2 310 dam³

POINTE-AUX-PINS TRIBUTARY NO. 1 NEAR ARDROSSAN - STATION NO. 05EB909

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.004E	0.058	0	0	0	0	0	---	---	1
2	---	---	0.001B	0.004E	0.058	0	0	0	0	0	---	---	2
3	---	---	0.002B	0.018E	0.040	0	0	0	0	0	---	---	3
4	---	---	0.002B	0.018E	0.031	0	0	0	0	0	---	---	4
5	---	---	0.002B	0.018A	0.017	0	0	0	0	0	---	---	5
6	---	---	0.002B	0.018E	0.018	0	0.287	0	0	0	---	---	6
7	---	---	0.002B	0.008E	0.017	0	0.802	0	0	0	---	---	7
8	---	---	0.002B	0.010E	0.013	0	0.588	0	0	0	---	---	8
9	---	---	0 B	0.008E	0.010	0.080A	0.340	0	0	0	---	---	9
10	---	---	0 B	0.007E	0.007	0.113	0.178	0	0	0	---	---	10
11	---	---	0.001B	0.005E	0.001A	0.107	0.097	0	0	0	---	---	11
12	---	---	0.002B	0.004E	0	0.158	0.158	0	0	0	---	---	12
13	---	---	0.002B	0.004A	0	0.110	0.406	0	0	0	---	---	13
14	---	---	0.005B	0	0	0.080	0.508	0	0	0	---	---	14
15	---	---	0.003B	0	0	0.057	0.438	0	0	0	---	---	15
16	---	---	0.003B	0	0	0.042	0.280	0	0	0	---	---	16
17	---	---	0.002B	0.002	0	0.033	0.188	0	0	0	---	---	17
18	---	---	0.001B	0.001	0	0.028	0.131	0	0	0	---	---	18
19	---	---	0.001B	0.001	0	0.020	0.094	0	0	0	---	---	19
20	---	---	0.001B	0.001	0	0.014	0.073	0	0	0	---	---	20
21	---	---	0.002B	0.006	0	0.007	0.058	0	0	0	---	---	21
22	---	---	0.004B	0.006	0	0.002	0.048	0	0	0	---	---	22
23	---	---	0.004B	0.002	0	0	0.037	0	0	0	---	---	23
24	---	---	0.003B	0	0	0.008	0.030	0	0	0	---	---	24
25	---	0 B	0.002B	0.003	0	0.013	0.024	0	0	0	---	---	25
26	---	0.001B	0.001B	0.001	0	0.008	0.017	0	0	0	---	---	26
27	---	0.001B	0 B	0	0	0.004	0.008	0	0	0	---	---	27
28	---	0.001B	0 B	0	0	0.001	0.001	0	0	0	---	---	28
29	---	0.001B	0 B	0.002	0	0.004	0	0	0	0	---	---	29
30	---		0 B	0.049	0	0.006	0	0	0	0	---	---	30
31	---		0.001B		0		0	0		0		---	31
TOTAL	---	---	0.052	0.199	0.288	0.808	4.801	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	0.007	0.009	0.030	0.148	0	0	0	---	---	MEAN
MAX	---	---	0.005	0.049	0.058	0.158	0.802	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.025
MAXIMUM DAILY, 0.802 ON JUL 7
MINIMUM DAILY, 0B ON MAR 9
MAXIMUM INSTANTANEOUS,
0.870 AT 03:40 MST ON JUL 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 43 N
LONG 113 05 48 W
DRAINAGE AREA, 17.8 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	398
FEB	---	AUG	0
MAR	4.48	SEP	0
APR	17.2	OCT	0
MAY	33.2	NOV	---
JUN	78.5	DEC	---

TOTAL DISCHARGE, 531 dam³

POINTE-AUX-PINS TRIBUTARY NO. 2 NEAR ARDROSSAN - STATION NO. 05EB910

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.001	0.001	0	0.004	0	0	0	---	---	1
2	---	---	0.001B	0.005	0.001	0	0.003	0	0	0	---	---	2
3	---	---	0.002B	0.003	0.001	0	0.005	0	0	0	---	---	3
4	---	---	0.002B	0.002	0.001	0	0.004	0	0	0	---	---	4
5	---	---	0.002B	0.001	0.001	0	0.014	0	0	0	---	---	5
6	---	---	0.003B	0.001	0.001	0	0.572	0	0	0	---	---	6
7	---	---	0.004B	0	0.001	0	0.339	0	0	0	---	---	7
8	---	---	0.005B	0	0.001	0.005	0.101	0	0	0	---	---	8
9	---	---	0.005B	0	0.001	0.058	0.033	0	0	0	---	---	9
10	---	---	0.004B	0	0.001	0.013	0.021	0	0	0	---	---	10
11	---	---	0.004B	0	0.001	0.038	0.013	0	0	0	---	---	11
12	---	---	0.003B	0	0.001	0.036	0.182	0	0	0	---	---	12
13	---	---	0.003B	0	0.001	0.021	0.299	0	0	0	---	---	13
14	---	---	0.002B	0.001	0.001	0.010	0.104	0	0	0	---	---	14
15	---	---	0.001B	0.001	0.001	0.004	0.071	0	0	0	---	---	15
16	---	---	0.001B	0.001	0.001	0.004	0.024	0	0	0	---	---	16
17	---	---	0.001B	0.001	0.001	0.001	0.010	0	0	0	---	---	17
18	---	---	0.001B	0.001	0.001	0.001	0.008	0	0	0	---	---	18
19	---	---	0.006	0.001	0.001	0.001	0.008	0	0	0	---	---	19
20	---	---	0.007	0.001	0	0.001	0.004	0	0	0	---	---	20
21	---	---	0.004	0.001	0	0.002	0.002	0	0	0	---	---	21
22	---	---	0.002	0.001	0	0.002	0.001	0	0	0	---	---	22
23	---	---	0	0.001	0	0.002	0.001	0	0	0	---	---	23
24	---	---	0.002	0.001	0	0.002	0	0	0	0	---	---	24
25	---	0.001B	0.006	0.001	0	0.002	0	0	0	0	---	---	25
26	---	0.001B	0.005	0.001	0	0.002	0	0	0	0	---	---	26
27	---	0.001B	0.002	0.001	0	0	0	0	0	0	---	---	27
28	---	0.001B	0	0.001	0	0	0	0	0	0	---	---	28
29	---	0.001B	0.001	0.001	0	0.005	0	0	0	0	---	---	29
30	---		0.002	0.001	0	0.005	0	0	0	0	---	---	30
31	---		0.001		0		0	0		0		---	31
TOTAL	---	---	0.082	0.030	0.019	0.215	1.801	0	0	0	---	---	TOTAL
MEAN	---	---	0.003	0.001	0.001	0.007	0.058	0	0	0	---	---	MEAN
MAX	---	---	0.007	0.005	0.001	0.058	0.572	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.572 ON JUL 6
MINIMUM DAILY, 0 ON MAR 23
MAXIMUM INSTANTANEOUS,
0.880 AT 13:31 MST ON JUL 6

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 48 N
LONG 113 08 49 W
DRAINAGE AREA, 8.34 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	156
FEB	---	AUG	0
MAR	7.08	SEP	0
APR	2.59	OCT	0
MAY	1.84	NOV	---
JUN	18.6	DEC	---

TOTAL DISCHARGE, 186 dam³

POINTE-AUX-PINS TRIBUTARY NO. 3 NEAR ARDROSSAN - STATION NO. 05EB911

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0B	0	0	0.001	0	0	0	---	---	1
2	---	---	0 B	0B	0	0	0.001	0	0	0	---	---	2
3	---	---	0.001B	0B	0	0	0.003	0	0	0	---	---	3
4	---	---	0.001B	0B	0	0	0.004	0	0	0	---	---	4
5	---	---	0.001B	0B	0	0	0.007	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0.148	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0.058	0	0	0	---	---	7
8	---	---	0 B	0	0	0.001	0.023	0	0	0	---	---	8
9	---	---	0.001B	0	0.001	0.004	0.017	0	0	0	---	---	9
10	---	---	0 B	0	0.001	0.001	0.015	0	0	0	---	---	10
11	---	---	0 B	0	0.001	0.001	0.011	0	0	0	---	---	11
12	---	---	0 B	0	0.001	0.005	0.026	0	0	0	---	---	12
13	---	---	0.001B	0	0.001	0.002	0.035	0	0	0	---	---	13
14	---	---	0.001B	0	0.001	0.001	0.024	0	0	0	---	---	14
15	---	---	0 B	0	0.002	0	0.019	0	0	0	---	---	15
16	---	---	0 B	0	0.002	0	0.012	0	0	0	---	---	16
17	---	---	0.001B	0	0.001	0	0.007	0	0	0	---	---	17
18	---	---	0.001B	0	0	0	0.005	0.001	0	0	---	---	18
19	---	---	0.001B	0	0	0	0.003	0.001	0	0	---	---	19
20	---	---	0.001B	0	0	0	0.001	0.001	0	0	---	---	20
21	---	---	0.001B	0	0	0	0.001	0.001	0	0	---	---	21
22	---	---	0.001B	0	0	0	0	0.001	0	0	---	---	22
23	---	---	0.001B	0	0	0	0	0.001	0	0	---	---	23
24	---	---	0.001B	0	0	0.001	0	0.001	0	0	---	---	24
25	---	0 B	0.001B	0	0	0.001	0	0.001	0	0	---	---	25
26	---	0.001B	0.001B	0	0	0	0	0.001	0	0	---	---	26
27	---	0.001B	0 B	0	0	0.001	0	0.001	0	0	---	---	27
28	---	0 B	0 B	0	0	0.001	0	0	0	0	---	---	28
29	---	0 B	0 B	0	0	0.001	0	0	0	0	---	---	29
30	---		0 B	0	0	0.001	0	0	0	0	---	---	30
31	---		0 B		0		0	0		0		---	31
TOTAL	---	---	0.016	0	0.011	0.021	0.423	0.010	0	0	---	---	TOTAL
MEAN	---	---	0.001	0	0	0.001	0.014	0	0	0	---	---	MEAN
MAX	---	---	0.001	0	0.002	0.005	0.148	0.001	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.148 ON JUL 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.818 AT 13:56 MST ON JUL 6

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 44 N
LONG 113 08 47 W
DRAINAGE AREA, 3.85 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38.5
FEB	---	AUG	0.88
MAR	1.38	SEP	0
APR	0	OCT	0
MAY	0.85	NOV	---
JUN	1.81	DEC	---

TOTAL DISCHARGE, 41.8 dam³

PONTON RIVER ABOVE BOYER RIVER - STATION NO. 07JF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1488	0.3208	128	83.8	88.7	17.1 E	8.49E	5.14	2.308	---	1
2	---	---	0.1488	0.3858	84.5	98.5	183 E	16.8	8.00	4.82	2.888	---	2
3	---	---	0.1488	0.4068	71.1	95.0	123 E	16.7 E	8.30	4.70	2.618	---	3
4	---	---	0.1488	0.4108	87.8	90.7	84.5	16.9 E	7.70	4.78E	---	---	4
5	---	---	0.1488	0.4158	53.4	80.7	71.8	17.1 E	7.43E	4.70	---	---	5
6	---	---	0.1488	0.4208	57.0	81.3	88.1	17.2	7.14	4.30	---	---	6
7	---	---	0.1488	0.4258	58.1	48.8	57.8	17.8	8.62E	4.60	---	---	7
8	---	---	0.1488	0.4308	78.4	43.4	52.4	18.7 E	8.08	4.89E	---	---	8
9	---	---	0.1508	0.4358	104	42.0	47.8	18.0	8.08	4.70	---	---	9
10	---	---	0.1508	0.4408	113	48.3E	48.8E	15.8	8.38	4.38E	---	---	10
11	---	---	0.1528	0.4608	93.8	84.4	45.8	15.3	8.30E	4.10	---	---	11
12	---	---	0.1548	0.4858	80.8	80.3	43.4	14.4	8.14	3.80	---	---	12
13	---	---	0.1558	0.5418	74.0	48.3	38.3	14.3 E	8.82	3.70	---	---	13
14	---	---	0.1578	0.5538	73.4	42.0	37.8	14.4	8.82	3.72E	---	---	14
15	---	---	0.1598	0.7808	72.2	40.2	33.8	14.4	8.84E	3.70	---	---	15
16	---	---	0.1808	1.58 B	85.0	36.9	31.0	14.7	4.82	3.70	---	---	16
17	---	---	0.1858	2.84 B	88.8	33.3	30.6	14.4	4.70	3.70	---	---	17
18	---	---	0.1708	7.76 B	87.0	32.1	32.9	14.4	4.70	3.83E	---	---	18
19	---	---	0.1758	8.50 B	85.7	30.6	31.0	13.4	4.70	3.82	---	---	19
20	---	---	0.1798	8.29 B	88.6	31.0	28.3	13.4	5.18E	3.36	---	---	20
21	---	---	0.1828	8.88	78.2	30.2	26.4	13.4	5.80	2.718	---	---	21
22	---	---	0.1888	7.70	68.6	28.3	25.2E	13.4	5.80	2.388	---	---	22
23	---	---	0.1838	6.30	58.8	27.2	24.0	12.8	5.80	1.808	---	---	23
24	---	---	0.1948	5.34	55.0	26.8	23.4E	12.1	5.73E	2.068	---	---	24
25	---	0.1508	0.1988	5.2	51.3	24.8E	23.0	11.8	5.84	2.078	---	---	25
26	---	0.1508	0.2058	14.7	48.8	23.0	21.8	8.88	5.80	2.058	---	---	26
27	---	0.1488	0.2138	22.3	47.3	22.3	20.8E	8.44E	5.80	1.848	---	---	27
28	---	0.1488	0.2208	34.2	45.3	25.4	19.8	8.82	5.14	1.808	---	---	28
29	---	0.1488	0.2358	77.6	43.4E	28.3	18.8E	8.80	5.14	1.888	---	---	29
30	---		0.2558	120	41.1	28.8	18.5	8.78E	5.14	1.858	---	---	30
31	---		0.2808		88.8		17.8	8.82		2.108		---	31
TOTAL	---	---	5.470	341.817	2 181.3	1 203.8	1 400.8	426.35	178.48	108.80	---	---	TOTAL
MEAN	---	---	0.176	11.4	70.4	40.1	45.2	13.8	5.85	3.44	---	---	MEAN
MAX	---	---	0.280	120	128	83.8	183	17.8	8.49	5.14	---	---	MAX
MIN	---	---	0.148	0.320	41.1	22.3	17.8	8.80	4.70	1.80	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.8
MAXIMUM DAILY, 183E ON JUL 2
MINIMUM DAILY, 0.148B ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 37 53 N
LONG 115 15 23 W
DRAINAGE AREA, 2 440 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	121 000
FEB	---	AUG	37 000
MAR	473	SEP	15 200
APR	29 800	OCT	9 200
MAY	188 000	NOV	---
JUN	104 000	DEC	---

TOTAL DISCHARGE, 504 000 dam³

PONY CREEK NEAR CHARD - STATION NO. 07CE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.0018	1.25 B	0.318	2.48	1.81	0.685	0.218	0.1848	---	1
2	---	---	0.0108	0.0028	1.33 B	0.323	2.00	1.43	0.842	0.221	0.1888	---	2
3	---	---	0.0088	0.0048	1.32	0.358	1.78	1.22	0.582	0.218	0.2038	---	3
4	---	---	0.0088	0.0048	1.26	0.378	1.77	1.08	0.488	0.234	---	---	4
5	---	---	0.0088	0.8648	1.28	0.424	2.09	1.04	0.457	0.235	---	---	5
6	---	---	0.0088	0.0088	1.17	0.837	2.25	0.987	0.387	0.226	---	---	6
7	---	---	0.0078	0.0058	1.04	0.788	3.34	0.872	0.370	0.231	---	---	7
8	---	---	0.0088	0.0038	1.03	0.832	4.23	0.768	0.327	0.226	---	---	8
9	---	---	0.0088	0.0088	0.888	0.801	4.08	0.680	0.281	0.227	---	---	9
10	---	---	0.0088	0.0388	0.801	0.835	3.72	0.824	0.268	0.231	---	---	10
11	---	---	0.0088	0.2688	0.824	0.803	3.37	0.883	0.288	0.231	---	---	11
12	---	---	0.0088	0.3288	0.804	1.18	3.08	0.737	0.248	0.238	---	---	12
13	---	---	0.0078	0.5588	0.838	1.27	4.88	0.810	0.230	0.221	---	---	13
14	---	---	0.0078	0.8208	0.787	1.32	10.8	0.880	0.228	0.232	---	---	14
15	---	---	0.0088	0.8778	0.883	1.28	12.0	1.26	0.224	0.228	---	---	15
16	---	---	0.0078	0.8888	0.858	1.18	12.0	0.837	0.218	0.230	---	---	16
17	---	---	0.0078	0.8888	0.828	1.02	10.0	0.381	0.211	0.228	---	---	17
18	---	---	0.0078	0.8708	0.882	0.838	8.28	0.385	0.214	0.228	---	---	18
19	---	---	0.0088	0.8388	0.848	0.858	7.38	0.488	0.207	0.235	---	---	19
20	---	---	0.0088	0.8948	0.818	0.740	6.33	0.487	0.208	0.224	---	---	20
21	---	---	0.0088	0.8408	0.488	0.851	4.88	0.803	0.207	0.228	---	---	21
22	---	---	0.0088	0.8308	0.423	0.888	4.18	0.888	0.218	0.224	---	---	22
23	---	---	0.0088	0.8258	0.388	0.822	3.80	0.892	0.212	0.215	---	---	23
24	---	---	0.0088	0.8308	0.340	0.478	3.08	0.783	0.215	0.213	---	---	24
25	---	---	0.0048	0.8408	0.307	0.408	2.70	0.888	0.217	0.214	---	---	25
26	---	---	0.0048	0.8758	0.286	0.357	2.87	0.849	0.217	0.2108	---	---	26
27	---	---	0.0048	0.8208	0.278	0.330	2.12	0.493	0.218	0.2088	---	---	27
28	---	---	0.0038	0.8948	0.283	0.808	1.83	0.418	0.234	0.1878	---	---	28
29	---	---	0.0018	0.8188	0.273	1.83	1.87	0.381	0.229	0.1848	---	---	29
30	---		0.0018	1.01 B	0.258	2.04	1.73	0.381	0.220	0.1828	---	---	30
31	---		0.0018		0.284		1.78	0.881		0.1788		---	31
TOTAL	---	---	0.176	12.171	21.880	23.872	138.31	23.088	8.808	6.813	---	---	TOTAL
MEAN	---	---	0.008	0.408	0.708	0.788	4.38	0.748	0.287	0.220	---	---	MEAN
MAX	---	---	0.010	1.01	1.33	2.04	12.0	1.81	0.685	0.235	---	---	MAX
MIN	---	---	0.001	0.001	0.258	0.318	1.87	0.381	0.207	0.178	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.848
MAXIMUM DAILY, 12.0 ON JUL 15
MINIMUM DAILY, 0.0018 ON MAR 28
MAXIMUM INSTANTANEOUS,
13.4 AT 21:13 MST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 55 N
LONG 110 55 00 W
DRAINAGE AREA, 276 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 700
FEB	---	AUG	2 000
MAR	15.4	SEP	788
APR	1 050	OCT	888
MAY	1 880	NOV	---
JUN	2 070	DEC	---

TOTAL DISCHARGE, 20 100 dam³

PORTER CREEK ABOVE BAPTISTE LAKE - STATION NO. 07BE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0028	0.0488	0.126	0.075	0.083	0.148	0.073	0.053	---	---	1
2	---	---	0.0028	0.0488	0.108	0.088	0.082	0.138	0.071	0.058	---	---	2
3	---	---	0.0028	0.1008	0.115	0.058	0.081	0.128	0.088	0.084	---	---	3
4	---	---	0.0028	0.0888	0.108	0.048	0.087	0.123	0.085	0.084	---	---	4
5	---	---	0.0028	0.0528	0.105	0.052	0.088	0.121	0.083	0.078	---	---	5
6	---	---	0.0028	0.0568	0.111	0.046	2.80	0.118	0.083	0.072	---	---	6
7	---	---	0.0028	0.0618	0.115	0.040	5.38	0.113	0.087	0.075	---	---	7
8	---	---	0.0028	0.0568	0.117	0.038	5.07	0.110	0.085	0.078	---	---	8
9	---	---	0.0028	0.0588	0.110	0.113	3.75	0.108	0.082	0.082	---	---	9
10	---	---	0.0278	0.0588	0.113	0.082	2.49	0.104	0.082	0.080	---	---	10
11	---	---	0.0318	0.0648	0.112	0.122	1.87	0.105	0.082	0.073	---	---	11
12	---	---	0.0348	0.0598	0.084	0.111	1.56	0.113	0.082	0.075	---	---	12
13	---	---	0.0348	0.0658	0.074	0.115	1.83	0.105	0.081	0.072	---	---	13
14	---	---	0.0338	0.0648	0.075	0.118	1.67	0.099	0.081	0.077	---	---	14
15	---	---	0.0328	0.1078	0.078	0.132	1.37	0.094	0.080	0.075	---	---	15
16	---	---	0.0308	0.1018	0.075	0.087	1.12	0.089	0.084	0.070	---	---	16
17	---	---	0.0348	0.0648	0.072	0.077	0.881	0.089	0.084	0.070	---	---	17
18	---	---	0.0378	0.0558	0.070	0.078	0.705	0.122	0.085	0.070	---	---	18
19	---	---	0.0388	0.0778	0.071	0.078	0.580	0.127	0.083	0.070	---	---	19
20	---	---	0.0388	0.0808	0.046	0.081	0.476	0.118	0.086	0.078	---	---	20
21	---	---	0.0408	0.0848	0.082	0.086	0.380	0.122	0.085	0.088	---	---	21
22	---	---	0.0408	0.0858	0.088	0.058	0.318	0.134	0.085	0.087	---	---	22
23	---	---	0.0408	0.108	0.070	0.055	0.268	0.118	0.059	0.070	---	---	23
24	---	---	0.0428	0.111	0.088	0.052	0.236	0.104	0.054	0.088	---	---	24
25	---	---	0.0418	0.121	0.073	0.058	0.229	0.095	0.080	0.071	---	---	25
26	---	---	0.0428	0.125	0.074	0.051	0.222	0.090	0.070	0.0718	---	---	26
27	---	---	0.0428	0.117	0.076	0.047	0.196	0.088	0.088	0.0888	---	---	27
28	---	---	0.0388	0.126	0.073	0.048	0.176	0.082	0.052	0.0848	---	---	28
29	---	---	0.0388	0.130	0.074	0.048	0.166	0.078	0.041	0.0888	---	---	29
30	---		0.0378	0.127	0.085	0.053	0.188	0.081	0.045	0.0858	---	---	30
31	---		0.0378		0.084		0.157	0.077		0.0858		---	31
TOTAL	---	---	0.828	2.582	2.718	2.190	34.378	3.336	1.867	2.180	---	---	TOTAL
MEAN	---	---	0.027	0.085	0.088	0.073	1.11	0.108	0.082	0.070	---	---	MEAN
MAX	---	---	0.042	0.127	0.126	0.138	5.38	0.148	0.073	0.082	---	---	MAX
MIN	---	---	0.002	0.048	0.046	0.038	0.052	0.077	0.041	0.053	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.204
MAXIMUM DAILY, 5.38 ON JUL 7
MINIMUM DAILY, 0.0028 ON MAR 1
MAXIMUM INSTANTANEOUS,
6.23 AT 23:47 MST ON JUL 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 43 20 N
LONG 113 34 25 W
DRAINAGE AREA, 57.2 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 870
FEB	---	AUG	288
MAR	71.3	SEP	181
APR	221	OCT	187
MAY	235	NOV	---
JUN	189	DEC	---

TOTAL DISCHARGE, 4 220 dam³

POTHOLE CREEK AT RUSSELL'S RANCH - STATION NO. 05AE016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.383	0.672	0.384	0.810	0.208	0.428	2.58	0.083	1
2	---	---	---	---	0.484	0.886	0.545	1.34	0.288	0.442	2.64	0.0648	2
3	---	---	---	---	0.405	0.843	0.386	1.28	0.320	0.387	2.48	0.0638	3
4	---	---	---	---	0.401	0.859	0.383	0.851	0.308	0.348	1.95	0.0488	4
5	---	---	---	---	0.411	0.872	0.281	0.586	0.338	0.311	0.407	0.0488	5
6	---	---	---	---	0.597	0.488	0.823	0.566	0.214	0.382	0.272	0.0438	6
7	---	---	---	---	0.820	0.473	0.781	0.483	0.310	0.340	0.186	0.0418	7
8	---	---	---	---	0.722	0.492	0.758	0.460	0.352	0.290	0.155	0.0388	8
9	---	---	---	---	0.944	1.01	0.548	0.513	0.304	0.281	0.1268	0.0478	9
10	---	---	---	---	0.880	0.818	0.342	0.433	0.389	0.304	0.1258	0.0818	10
11	---	---	---	---	0.883	0.787	0.233	0.512	0.845	0.418	0.131	0.0538	11
12	---	---	---	---	0.883	0.788	0.384	0.574	0.820	0.480	0.1068	0.0878	12
13	---	---	---	---	0.888	0.878	0.308	0.485	0.787	0.381	0.0918	---	13
14	---	---	---	---	0.824	0.813	0.289	0.819	0.707	0.213	0.0718	---	14
15	---	---	---	---	0.885	0.887	0.480	0.566	0.815	0.195	0.0878	---	15
16	---	---	---	---	0.729	0.885	0.882	0.479	0.414	0.189	0.0808	---	16
17	---	---	---	---	0.780	0.878	0.388	0.412	0.488	0.203	0.0828	---	17
18	---	---	---	---	0.812	0.874	0.404	0.474	0.757	0.182	0.0888	---	18
19	---	---	---	---	0.823	0.833	0.284	0.530	0.829	0.511	0.071	---	19
20	---	---	---	---	0.374	0.380	0.110	0.889	0.858	2.84	0.073	---	20
21	---	---	---	---	0.853	0.481	0.185	0.878	0.824	2.78	0.088	---	21
22	---	---	---	---	0.844	0.389	0.228	0.827	0.888	2.77	0.088	---	22
23	---	---	---	---	0.888	0.424	0.428	0.488	0.872	2.77	0.0878	---	23
24	---	---	---	---	0.823	0.211	0.448	0.488	0.887	2.72	0.0818	---	24
25	---	---	---	---	0.843	0.340	0.583	0.484	0.728	2.78	0.0488	---	25
26	---	---	---	---	0.488	0.577	0.582	0.430	0.777	2.77	0.0448	---	26
27	---	---	---	---	0.325	0.388	0.429	0.374	0.728	2.72	0.0508	---	27
28	---	---	---	0.318A	0.418	0.410	0.461	0.480	0.883	2.88	0.057	---	28
29	---	---	---	0.410	0.415	0.800	0.437	0.384	0.884	2.89	0.058	---	29
30	---		---	0.417	0.538	0.520	0.450	0.231	0.810	2.88	0.058	---	30
31	---		---		0.881		0.485	0.174		2.87		---	31
TOTAL	---	---	---	---	18.008	16.889	13.072	17.808	16.030	38.810	12.178	---	TOTAL
MEAN	---	---	---	---	0.581	0.596	0.422	0.574	0.534	1.28	0.408	---	MEAN
MAX	---	---	---	---	0.944	1.01	0.781	1.34	0.828	2.78	2.58	---	MAX
MIN	---	---	---	---	0.325	0.211	0.110	0.174	0.208	0.182	0.044	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.820
MAXIMUM DAILY, 2.78 ON OCT 21
MINIMUM DAILY, 0.0448 ON NOV 26

SUMMARY FOR THE MONTHS MAY TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 52 N
LONG 112 49 40 W
DRAINAGE AREA, 772 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1919

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 130
FEB	---	AUG	1 540
MAR	---	SEP	1 380
APR	---	OCT	2 380
MAY	1 880	NOV	1 050
JUN	1 440	DEC	---

TOTAL DISCHARGE, 11 800 dam³

POTHOLE TURNOUT NEAR MAGRATH - STATION NO. 05AE035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0.593	0.786	0.882	0.528	0.525	0.175	0A	---	1
2	---	---	---	0	0.627	0.702	0.880	0.888	0.471	0	---	---	2
3	---	---	---	0	0.628	0.687	0.823	0.781	0.455	0	---	---	3
4	---	---	---	0	0.632	0.713	0.723	0.880	0.477	0	---	---	4
5	---	---	---	0	0.700	0.748	0.638	0.848	0.482	0	---	---	5
6	---	---	---	0	0.744	0.726	0.518	0.888	0.512	0	---	---	6
7	---	---	---	0	0.761	0.742	0.480	0.844	0.590	0	---	---	7
8	---	---	---	0	0.777	0.721	0.508	0.842	0.603	0	---	---	8
9	---	---	---	0	0.778	0.774	0.648	0.841	0.588	0	---	---	9
10	---	---	---	0	0.771	0.786	0.850	0.832	0.578	0	---	---	10
11	---	---	---	0	0.853	0.787	0.728	0.824	0.537	0	---	---	11
12	---	---	---	0	0.807	0.843	0.756	0.813	0.588	0	---	---	12
13	---	---	---	0	0.747	0.858	0.754	0.812	0.507	0	---	---	13
14	---	---	---	0	0.680	0.854	0.756	0.815	0.428	0	---	---	14
15	---	---	---	0	0.615	0.747	0.744	0.808	0.404	0	---	---	15
16	---	---	---	0	0.603	0.726	0.678	0.585	0.372	0	---	---	16
17	---	---	---	0	0.563	0.787	0.670	0.568	0.323	0	---	---	17
18	---	---	---	0.012	0.884	0.787	0.897	0.518	0.314	0	---	---	18
19	---	---	---	0.021	0.780	0.814	0.737	0.438	0.315	0	---	---	19
20	---	---	---	0.140	0.822	0.858	0.820	0.414	0.317	0	---	---	20
21	---	---	---	0.283	0.827	0.950	0.801	0.402	0.339	0	---	---	21
22	---	---	---	0.361	0.881	0.998	0.921	0.395	0.332	0	---	---	22
23	---	---	---	0.401	0.888	1.08	1.03	0.401	0.268	0	---	---	23
24	---	---	---	0.307	0.938	1.18	1.03	0.392	0.254	0	---	---	24
25	---	---	---	0.318	1.00	1.21	1.00	0.372	0.252	0	---	---	25
26	---	---	---	0.331	1.02	1.21	0.938	0.360	0.257	0	---	---	26
27	---	---	---	0.423	1.02	1.24	0.910	0.367	0.261	0	---	---	27
28	---	---	0A	0.481	1.00	1.25	0.908	0.382	0.268	0	---	---	28
29	---	---	0	0.481	1.00	1.18	0.948	0.385	0.353	0	---	---	29
30	---		0	0.513	0.981	1.12	0.953	0.415	0.355	0	---	---	30
31	---		0		0.893		0.852	0.445		0		---	31
TOTAL	---	---	---	4.080	24.259	28.895	24.678	17.058	12.548	0.175	---	---	TOTAL
MEAN	---	---	---	0.138	0.783	0.897	0.796	0.550	0.418	0.008	---	---	MEAN
MAX	---	---	---	0.513	1.02	1.25	1.03	0.938	0.578	0.175	---	---	MAX
MIN	---	---	---	0	0.503	0.687	0.480	0.360	0.252	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.513
MAXIMUM DAILY, 1.25 ON JUN 28
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 37 N
LONG 112 53 52 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 130
FEB	---	AUG	1 470
MAR	---	SEP	1 080
APR	383	OCT	15.1
MAY	2 100	NOV	---
JUN	2 320	DEC	---

TOTAL DISCHARGE, 9 470 dam³

PRAIRIE BLOOD COULEE NEAR LETHBRIDGE - STATION NO. 05AD035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0A	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	0A	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 50 N
LONG 112 57 32 W
DRAINAGE AREA, 227 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

PRAIRIE CREEK BELOW LICK CREEK - STATION NO. 05DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.310B	0.380B	0.508	0.377	0.823	0.998	0.771	1.78	0.675	---	1
2	---	---	0.290B	0.800B	0.485	0.358	0.867	1.63	0.888	1.88	0.648	---	2
3	---	---	0.270B	0.820B	0.483	0.344	0.822	1.24	0.865	1.88	0.903A	---	3
4	---	---	0.245B	0.880B	0.485	0.344	0.882	0.968	0.818	1.61	---	---	4
5	---	---	0.240B	0.800B	0.482	0.358	0.784	0.774	0.905	1.45	---	---	5
6	---	---	0.240B	0.740B	0.805	0.539	3.88	0.884	0.888	1.41	---	---	6
7	---	---	0.245B	0.710B	0.510	0.808	3.13	1.38	0.700	1.34	---	---	7
8	---	---	0.245B	0.695B	0.507	1.04	1.83	1.14	0.872	1.28	---	---	8
9	---	---	0.250B	0.685B	0.512	1.49	1.55	0.857	0.833	1.24	---	---	9
10	---	---	0.295B	0.690B	0.524	1.28	1.83	0.890	1.23	1.23	---	---	10
11	---	---	0.265B	0.710B	0.510	1.09	1.35	0.792	1.44	1.21	---	---	11
12	---	---	0.275B	0.745B	0.505	0.805	1.48	0.738	1.83	1.21	---	---	12
13	---	---	0.290B	0.790B	0.485	0.805	1.47	0.875	1.53	1.23	---	---	13
14	---	---	0.305B	0.820B	0.475	0.708	1.18	0.851	1.30	1.28	---	---	14
15	---	---	0.319B	0.840B	0.469	0.823	1.01	0.877	1.08	1.24	---	---	15
16	---	---	0.350B	0.780B	0.437	0.586	0.870	3.88	1.24	1.24	---	---	16
17	---	---	0.380B	0.740B	0.407	0.505	0.788	5.80	2.34	1.20	---	---	17
18	---	---	0.420B	0.700B	0.393	0.491	0.739	4.88	2.84	1.13	---	---	18
19	---	---	0.465B	0.610B	0.383	0.456	0.896	3.82	2.23	1.10	---	---	19
20	---	---	0.520B	0.954B	0.361	0.419	0.851	2.72	2.38	1.08	---	---	20
21	---	---	0.535B	1.09 A	0.363	0.409	0.806	2.27	2.16	1.08	---	---	21
22	---	---	0.480B	0.925	0.364	0.407	0.553	1.93	1.87	1.11	---	---	22
23	---	---	0.460B	0.815	0.365	0.398	0.539	1.83	1.76	1.07	---	---	23
24	---	0.324B	0.410B	0.715	0.354	0.382	0.532	1.41	2.08	1.08	---	---	24
25	---	0.340B	0.380B	0.617	0.333	0.351	0.513	1.26	2.19	1.07	---	---	25
26	---	0.370B	0.355B	0.575	0.322	0.363	0.482	1.15	2.21	1.08	---	---	26
27	---	0.400B	0.330B	0.551	0.330	0.383	0.484	1.08	2.19	1.02	---	---	27
28	---	0.370B	0.315B	0.581	0.331	0.427	0.529	1.00	2.27	1.02	---	---	28
29	---	0.340B	0.300B	0.599	0.344	0.725	0.545	0.904	2.07	0.971	---	---	29
30	---		0.295B	0.571	0.453	1.13	0.508	0.871	1.88	0.958	---	---	30
31	---		0.310B		0.415		0.498	0.810		0.925		---	31
TOTAL	---	---	10.348	21.980	13.280	18.252	31.843	48.957	46.427	37.814	---	---	TOTAL
MEAN	---	---	0.334	0.733	0.428	0.608	1.02	1.81	1.81	1.22	---	---	MEAN
MAX	---	---	0.535	1.09	0.524	1.49	3.88	5.80	2.84	1.75	---	---	MAX
MIN	---	---	0.240	0.380	0.322	0.344	0.484	0.851	0.888	0.925	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.933
MAXIMUM DAILY, 5.80 ON AUG 17
MINIMUM DAILY, 0.240B ON MAR 5
MAXIMUM INSTANTANEOUS,
7.39 AT 07:27 MST ON AUG 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 10 N
LONG 115 17 30 W
DRAINAGE AREA, 208 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 730
FEB	---	AUG	4 320
MAR	884	SEP	3 920
APR	1 900	OCT	3 270
MAY	1 150	NOV	---
JUN	1 580	DEC	---

TOTAL DISCHARGE, 19 800 dam³

PRAIRIE CREEK NEAR ROCKY MOUNTAIN HOUSE - STATION NO. 05DB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.38 B	0.980B	0.970B	2.10B	1.70	1.78	2.38	2.20	2.41	4.83	3.03	1.83B	1
2	1.37 B	0.970B	0.860B	2.27B	1.67	1.60	2.33	2.78	2.31	4.80	2.98	1.88B	2
3	1.36 B	0.940B	0.860B	2.22B	1.60	1.38	1.94	3.81	2.21	4.40	2.94	2.08B	3
4	1.36 B	0.920B	0.850B	2.40B	1.59	1.40	1.98	3.12	2.11	4.21	2.89	2.13B	4
5	1.34 B	0.810B	0.880B	2.50B	1.55	1.28	2.07	2.80	1.98	4.04	2.85	2.12B	5
6	1.32 B	0.900B	0.870B	2.80B	1.57	1.41	3.15	2.68	1.88	3.85	2.77	2.10B	6
7	1.28 B	0.900B	0.860B	2.67B	1.55	1.80	7.88	2.48	2.15	3.84	2.82	2.08B	7
8	1.27 B	0.880B	1.00 B	2.75B	1.53	2.01	8.78	2.88	2.31	3.73	2.88B	2.08B	8
9	1.25 B	0.880B	1.03 B	2.83B	1.52	2.88	4.81	2.85	2.41	3.81	2.58B	2.03B	9
10	1.23 B	0.880B	1.07 B	2.90B	1.49	4.02	3.85	2.88	2.67	3.48	2.45B	2.01B	10
11	1.22 B	0.870B	1.11 B	3.01B	1.50	3.73	3.73	2.44	4.25	3.35	2.32B	1.99B	11
12	1.20 B	0.880B	1.18 B	3.10B	1.50	3.02	3.60	2.23	4.81	3.27	2.20B	1.98B	12
13	1.19 B	0.900B	1.23 B	3.17B	1.53	2.72	3.59	2.11	4.28	3.23	2.06B	1.93B	13
14	1.18 B	0.910B	1.30 B	3.30B	1.45	2.44	3.67	2.00	3.87	3.15	1.98B	1.90B	14
15	1.18 B	0.920B	1.36 B	3.40B	1.40	2.16	3.23	1.84	3.62	3.23	1.95B	1.88B	15
16	1.17 B	0.840B	1.40 B	3.52	1.38	1.93	2.89	2.21	3.40	3.31	1.78B	1.85B	16
17	1.18 B	0.880B	1.50 B	3.50	1.37	1.87	2.65	7.38	4.28	3.32	1.88B	1.82B	17
18	1.20 B	1.00 B	1.55 B	3.33	1.30	1.86	2.43	13.3	5.65	3.23	1.82B	1.80B	18
19	1.21 B	0.990B	1.60 B	3.48	1.25	1.41	2.26	10.0	5.75	3.16	1.54B	1.77B	19
20	1.20 B	0.980B	1.70 B	3.80	1.32	1.38	2.12	7.71	5.53	3.09	1.48B	1.76B	20
21	1.18 B	0.970B	1.80 B	4.12	1.24	1.45	1.95	5.13	5.73	3.07	1.42B	1.73B	21
22	1.18 B	0.980B	1.88 B	3.88	1.27	1.30	1.77	5.28	5.27	3.08	1.37B	1.71B	22
23	1.17 B	1.02 B	1.90 B	3.12	1.18	1.28	1.89	4.71	4.80	3.07	1.32B	1.70B	23
24	1.15 B	1.08 B	1.92 B	2.83	1.20	1.19	1.58	4.09	4.86	3.12	1.28B	1.68B	24
25	1.15 B	1.02 B	1.84 B	2.53	1.18	1.14	1.80	3.58	5.43	3.04	1.23B	1.67B	25
26	1.11 B	1.01 B	1.80 B	2.31	1.09	1.12	1.44	3.21	5.84	3.18	1.20B	1.66B	26
27	1.06 B	1.00 B	1.77 B	2.08	1.12	1.10	1.38	2.99	5.66	3.15B	1.17B	1.64B	27
28	1.05 B	0.980B	1.80 B	1.94	1.05	1.24	1.80	2.83	5.50	3.13B	1.20B	1.63B	28
29	1.03 B	0.980B	1.88 B	1.88	1.17	1.28	1.46	2.75	5.71	3.08B	1.28B	1.62B	29
30	1.01 B		1.95 B	1.78	1.48	1.78	1.50	2.57	5.23	3.05B	1.37B	1.61B	30
31	0.990B		2.00 B		1.61		1.54	2.48		3.06B		1.60B	31
TOTAL	37.210	27.580	44.280	85.04	43.38	54.14	84.59	118.77	121.87	107.18	59.28	58.85	TOTAL
MEAN	1.20	0.951	1.43	2.83	1.40	1.80	2.73	3.88	4.08	3.48	1.98	1.83	MEAN
MAX	1.38	1.08	2.00	4.12	1.70	4.02	7.88	13.3	5.88	4.83	3.03	2.13	MAX
MIN	0.990	0.870	0.950	1.78	1.08	1.10	1.38	1.84	1.88	3.04	1.17	1.62	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.30
MAXIMUM DAILY, 13.3 ON AUG 18
MINIMUM DAILY, 0.870B ON FEB 11
MAXIMUM INSTANTANEOUS,
14.4 AT 04:55 MST ON AUG 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 20 N
LONG 114 55 50 W
DRAINAGE AREA, 859 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 210	JUL	7 310
FEB	2 380	AUG	10 300
MAR	3 820	SEP	10 500
APR	7 350	OCT	9 280
MAY	3 750	NOV	5 120
JUN	4 880	DEC	4 810

TOTAL DISCHARGE, 72 800 dam³

PUNK CREEK NEAR THE MOUTH - STATION NO. 08AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0158	0.001	0.001	0.021	0.004	0.002	0.001	0.0048	---	1
2	---	---	0 B	0.0188	0.001	0.001	0.018	0.002	0.002	0.001	0.0048	---	2
3	---	---	0 B	0.0238	0.001	0.001	0.017	0.001	0.002	0.001	---	---	3
4	---	---	0 B	0.0218	0.001	0.001	0.016	0.001	0.002	0.001	---	---	4
5	---	---	0 B	0.0188	0.001	0.001	0.016	0.002	0.001	0.001	---	---	5
6	---	---	0 B	0.0188	0.001	0.001	0.018	0.003	0.001	0.001	---	---	6
7	---	---	0 B	0.0138	0.001	0.001	0.018	0.005	0	0.001	---	---	7
8	---	---	0 B	0.0118	0.001	0.012	0.016	0.004	0	0.001	---	---	8
9	---	---	0 B	0.0108	0.001	0.048	0.012	0.003	0	0.001	---	---	9
10	---	---	0 B	0.0118	0.001	0.043	0.012	0.003	0	0.001	---	---	10
11	---	---	0 B	0.0118	0.013	0.044	0.008	0.004	0	0.001	---	---	11
12	---	---	0 B	0.0128	0.011	0.041	0.008	0.005	0	0.001	---	---	12
13	---	---	0 B	0.0118	0.010	0.040	0.008	0.004	0	0.001	---	---	13
14	---	---	0 B	0.0128	0.014	0.037	0.008	0.004	0	0.001	---	---	14
15	---	---	0 B	0.0128	0.017	0.032	0.014	0.004	0	0.001	---	---	15
16	---	---	0 B	0.0088	0.022A	0.011	0.013	0.004	0	0.001	---	---	16
17	---	---	0.0018	0.0068	0.017E	0.002	0.012	0.004	0	0.001	---	---	17
18	---	---	0.0018	0.0068	0.015A	0.005	0.012	0.004	0	0.001	---	---	18
19	---	---	0.0018	0.0068	0.008	0.022	0.012	0.004	0	0.001	---	---	19
20	---	---	0.0028	0.0038	0.003	0.014	0.011	0.004	0	0.002	---	---	20
21	---	---	0.0048	0.0028	0.001	0.005	0.010	0.007	0	0.001	---	---	21
22	---	---	0.0068	0.0018	0.001	0.001	0.010	0.010	0	0.001	---	---	22
23	---	---	0.0108	0.0018	0.001	0.001	0.010	0.007	0	0.001	---	---	23
24	---	---	0.0158	0.0018	0.001	0.001	0.009	0.005	0	0.001	---	---	24
25	---	---	0.0188	0.0018	0.001	0.011	0.007	0.005	0	0.0018	---	---	25
26	---	---	0.0188	0.0018	0.001	0.005	0.004	0.003	0	0.0028	---	---	26
27	---	---	0.0188	0.0018	0.001	0.001	0.004	0.002	0	0.0038	---	---	27
28	---	---	0.0188	0.0018	0.001	0.001	0.005	0.003	0.001	0.0028	---	---	28
29	---	---	0.0158	0.001	0.001	0.026	0.003	0.002	0.001	0.0018	---	---	29
30	---		0.0118	0.001	0.001	0.028	0.008	0.003	0.001	0.0018	---	---	30
31	---		0.0128		0.001		0.004	0.002		0.0038		---	31
TOTAL	---	---	0.149	0.256	0.181	0.438	0.348	0.118	0.013	0.036	---	---	TOTAL
MEAN	---	---	0.005	0.009	0.006	0.015	0.011	0.004	0	0.001	---	---	MEAN
MAX	---	---	0.016	0.023	0.022	0.048	0.021	0.010	0.002	0.003	---	---	MAX
MIN	---	---	0	0.001	0.001	0.001	0.003	0.001	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.048 ON JUN 9
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.049 AT 12:02 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 32 20 N
LONG 111 13 40 W
DRAINAGE AREA, 385 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.8
FEB	---	AUG	10.2
MAR	12.8	SEP	1.12
APR	23.1	OCT	3.28
MAY	13.0	NOV	---
JUN	37.7	DEC	---

TOTAL DISCHARGE, 130 dam³

RACEHORSE CREEK NEAR THE MOUTH - STATION NO. 08AA027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.288	2.83	7.08	1.63	0.858	0.388	0.499	---	---	1
2	---	---	---	0.333	2.18	5.70	1.43	1.18	0.385	0.484	---	---	2
3	---	---	---	0.428	2.00	5.26	1.58	0.822	0.388	0.474	---	---	3
4	---	---	---	0.378	2.07	5.46	1.40	0.884	0.353	0.463	---	---	4
5	---	---	---	0.3318	2.29	5.85	1.63	0.818	0.388	0.480	---	---	5
6	---	---	---	0.373	3.18	5.84	1.85	0.591	0.381	0.445	---	---	6
7	---	---	---	0.813	3.22	9.27	1.38	0.640	0.384	0.441	---	---	7
8	---	---	---	0.4848	4.00	12.8	1.24	0.703	0.388	0.432	---	---	8
9	---	---	---	0.4788	5.82	8.89	1.18	0.800	0.357	0.424	---	---	9
10	---	---	---	0.4528	7.32	8.24	1.18	0.648	0.371	0.418	---	---	10
11	---	---	---	0.807	8.72	7.38	1.14	0.532	0.408	0.415	---	---	11
12	---	---	---	0.883	10.8	6.35	1.11	0.520	0.394	0.406	---	---	12
13	---	---	---	0.7638	10.1	5.82	1.04	0.513	0.380	0.407	---	---	13
14	---	---	---	0.8408	8.38	5.04	1.01	0.483	0.388	0.401	---	---	14
15	---	---	---	1.46 B	7.18	4.70	0.984	0.471	0.353	0.823	---	---	15
16	---	---	---	2.80 B	7.19	4.89	0.918	0.489	0.348	0.948	---	---	16
17	---	---	---	3.88 B	8.05	4.49	0.878	0.471	0.393	0.780	---	---	17
18	---	---	---	4.26 B	8.87	4.32	0.887	0.488	0.398	0.812	---	---	18
19	---	---	---	4.48	8.01	3.84	0.787	0.463	0.404	0.588	---	---	19
20	---	---	---	4.24	5.88	3.81	0.782	0.463	0.440	0.532	---	---	20
21	---	---	---	3.57	5.42	3.20	0.710	0.488	0.418	0.814	---	---	21
22	---	---	---	2.80	5.05	2.87	0.881	0.458	0.388	0.843	---	---	22
23	---	---	---	2.50	7.34	2.81	0.887	0.432	0.383	0.821	---	---	23
24	---	---	0.229A	2.57	7.49	2.38	0.844	0.418	0.432	0.481	---	---	24
25	---	---	0.2358	2.01	8.21	2.18	0.832	0.398	0.575	0.475	---	---	25
26	---	---	0.247	1.82	8.97	2.02	0.800	0.403	1.13	0.487	---	---	26
27	---	---	0.284	1.84	8.98	1.90	0.802	0.408	0.858	0.518	---	---	27
28	---	---	0.250	2.24	8.70	1.93	0.881	0.388	0.887	0.4278	---	---	28
29	---	---	0.245	3.41	8.71	1.87	0.888	0.373	0.838	0.3768	---	---	29
30	---		0.239	3.31	8.73	1.88	0.858	0.381	0.812	0.833	---	---	30
31	---		0.2448		8.28		0.880	0.357		0.821A		---	31
TOTAL	---	---	---	83.917	185.02	148.01	30.412	18.873	13.988	15.848	---	---	TOTAL
MEAN	---	---	---	1.80	5.97	4.97	0.981	0.838	0.437	0.505	---	---	MEAN
MAX	---	---	---	4.48	10.8	12.8	1.85	1.18	1.13	0.948	---	---	MAX
MIN	---	---	---	0.288	2.00	1.88	0.880	0.357	0.348	0.378	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.17
MAXIMUM DAILY, 12.8 ON JUN 8
MINIMUM DAILY, 0.288 ON APR 1
MAXIMUM INSTANTANEOUS,
18.8 AT 23:80 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 18 N
LONG 114 25 08 W
DRAINAGE AREA, 217 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 830
FEB	---	AUG	1 430
MAR	---	SEP	1 130
APR	4 880	OCT	1 380
MAY	18 000	NOV	---
JUN	12 800	DEC	---

TOTAL DISCHARGE, 40 100 dam³

RAM RIVER NEAR THE MOUTH - STATION NO. 08DC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.72B	1.85B	3.08B	4.71B	8.38	7.27	11.8	18.4	13.3	18.2	8.92	7.35B	1
2	3.70B	1.80B	2.78B	5.21B	8.00	8.87	10.7	32.6	12.4	17.1	8.23	7.46B	2
3	3.68B	1.85B	2.71B	5.67B	8.87	8.87	10.2	30.6	12.0	16.3	8.80	7.82B	3
4	3.61B	1.82B	2.88B	5.43B	8.88	8.82	11.1	33.0	11.8	15.8	8.44	7.57B	4
5	3.54B	1.80B	2.80B	5.13B	8.86	7.49	12.2	33.3	11.4	15.2	7.87	7.47B	5
6	3.48B	1.78B	2.58B	4.88B	8.00	10.8	24.4	28.3	11.1	14.5	8.11	7.30B	6
7	3.38B	1.73B	2.90B	5.08B	8.04	18.5	33.8	32.4	11.7	13.5	7.51	7.16B	7
8	3.30B	1.68B	3.18B	5.13B	8.54	79.5	28.8	27.0	11.3	13.3	8.45B	7.04B	8
9	3.17B	1.67B	3.08B	4.88B	7.42	52.1	25.0	24.1	10.8	12.6	8.67B	6.92B	9
10	3.10B	1.67B	2.88B	5.07B	9.82	39.8	25.5	22.2	13.8	12.4	8.35B	6.76B	10
11	2.95B	1.68B	2.28B	5.56B	11.7	31.1	32.4	20.8	13.0	12.1	8.02B	6.52B	11
12	2.85B	1.88B	2.36B	5.78B	12.8	25.4	30.6	19.5	12.4	11.8	4.90B	6.50B	12
13	2.73B	1.73B	2.74B	8.00B	15.2	22.2	28.6	17.8	12.0	11.6	4.77B	6.37B	13
14	2.64B	1.80B	2.64B	8.50B	14.7	19.6	21.8	17.0	11.4	11.7	4.67B	6.25B	14
15	2.60B	1.90B	2.63B	10.5 B	9.89	18.3	19.5	16.6	11.0	11.7	4.60B	6.12B	15
16	2.62B	2.03B	2.47B	11.7 B	8.66	17.6	18.0	33.6	12.2	11.5	4.58B	5.97B	16
17	2.63B	2.25B	2.00B	12.0 B	10.7	17.6	18.1	42.4	14.7	11.2	4.56B	5.80B	17
18	2.70B	2.40B	2.84B	11.8 B	9.15	16.9	18.4	35.2	13.6	10.6	4.67J	5.70B	18
19	2.76B	2.52B	3.10B	11.7	7.44	15.3	18.1	28.6	13.7	10.6	4.60B	5.62B	19
20	2.90B	2.55B	3.33B	11.0	6.99	13.6	13.8	25.9	14.8	10.5	4.85B	5.50B	20
21	3.06B	2.34B	3.38B	10.6	6.77	13.3	12.8	28.1	14.3	10.4	4.81B	5.35B	21
22	3.15B	2.05B	2.80B	10.0	6.75	12.7	12.2	23.6	13.4	10.8	5.15B	5.22B	22
23	2.95B	1.83B	2.34B	9.14	8.12	12.6	11.8	21.3	13.2	10.5	5.77B	5.10B	23
24	2.75B	2.54B	3.01B	8.07	8.58	11.9	11.3	19.7	14.5	10.2	5.38B	4.96B	24
25	2.58B	3.30B	3.00B	6.67	7.48	11.1	10.8	18.8	14.3	9.84	4.78B	4.87B	25
26	2.40B	3.69B	2.94B	6.20	7.21	11.2 E	10.4	18.3	14.0	9.75B	4.83B	4.77B	26
27	2.30B	3.59B	3.18B	6.38	7.19	11.1 A	10.1	17.8	13.9	8.95B	4.71B	4.88B	27
28	2.22B	3.87B	3.51B	6.80	6.83	11.3	10.7	16.2	14.1	8.24B	5.52B	4.56B	28
29	2.13B	3.59B	3.49B	7.14	7.03	12.6	10.3	15.4	14.1	7.40B	5.70B	4.43B	29
30	2.08B		4.07B	8.93	7.98	13.9	9.73	15.0	16.5	9.40A	7.20B	4.32B	30
31	2.02U		4.49B		7.88		9.58	14.0		9.05		4.20B	31
TOTAL	88.80	63.18	91.40	225.87	255.80	554.92	532.28	744.2	380.5	367.43	178.08	185.44	TOTAL
MEAN	2.86	2.18	2.95	7.86	8.25	18.5	17.2	24.0	13.0	11.9	5.84	5.86	MEAN
MAX	3.72	3.69	4.49	12.0	15.2	79.5	34.4	42.4	16.5	18.2	8.23	7.57	MAX
MIN	2.02	1.67	2.00	4.71	5.86	6.57	9.58	14.0	10.8	7.40	4.58	4.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 79.5 ON JUN 8
MINIMUM DAILY, 1.67B ON FEB 9
MAXIMUM INSTANTANEOUS,
183 AT 08:15 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 21 55 N
LONG 115 25 33 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 740	JUL	48 000
FEB	5 480	AUG	64 300
MAR	7 900	SEP	33 700
APR	19 800	OCT	31 700
MAY	22 100	NOV	15 400
JUN	47 900	DEC	15 000

TOTAL DISCHARGE, 318 000 dam³

RAT CREEK NEAR CYNTHIA - STATION NO. 07BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.441B	0.740B	0.540	0.378	5.05	1.38	1.41	2.91	---	---	1
2	---	---	0.441B	0.769B	0.518	0.434	4.32	1.38	1.30	2.74	---	---	2
3	---	---	0.441B	0.854B	0.478	0.405	4.58	1.23	1.18	2.54	---	---	3
4	---	---	0.441B	1.47 B	0.436	0.386	5.88	1.24	1.14	2.39	---	---	4
5	---	---	0.441B	1.54 B	0.414	0.382	5.54	1.21	1.08	2.18	---	---	5
6	---	---	0.441B	1.90 B	0.398	0.382	7.82	1.40	1.03	1.99	---	---	6
7	---	---	0.450B	1.89 B	0.405	0.506	15.6	2.84	1.03	1.78	---	---	7
8	---	---	0.540B	1.55 B	0.401	0.820	19.1	3.41	1.00	1.72	---	---	8
9	---	---	0.540B	1.43 B	0.384	1.71	17.1	3.17	1.02	1.66	---	---	9
10	---	---	0.530B	1.31 B	0.384	5.08	13.8	2.71	1.13	1.60	---	---	10
11	---	---	0.510B	1.20 B	0.385	4.42	13.1	2.58	1.36	1.58	---	---	11
12	---	---	0.480B	1.13 B	0.387	5.46	12.7	2.30	1.53	1.47	---	---	12
13	---	---	0.470B	1.06 B	0.388	5.86	11.6	1.77	1.37	1.48	---	---	13
14	---	---	0.480B	0.980B	0.381	6.16	9.82	1.63	1.28	1.40	---	---	14
15	---	---	0.450B	0.940B	0.800	6.12	8.12	1.58	1.20	1.39	---	---	15
16	---	---	0.440B	0.940B	0.535	4.47	6.85	2.12	1.26	1.34	---	---	16
17	---	---	0.440B	0.950B	0.512	3.78	5.74	2.74	1.71	1.30	---	---	17
18	---	---	0.440B	0.980B	0.467	3.16	4.87	5.09	2.28	1.27	---	---	18
19	---	---	0.450B	1.04 B	0.412	2.89	4.27	5.85	1.98	1.25	---	---	19
20	---	---	0.460B	1.08 B	0.375	2.17	3.73	6.84	2.00	1.23	---	---	20
21	---	---	0.470B	1.13 B	0.310	1.77	3.13	6.84	2.32	1.21	---	---	21
22	---	---	0.490B	1.18 B	0.280	1.73	2.84	6.83	2.32	1.17	---	---	22
23	---	---	0.530B	1.08 B	0.263	1.63	2.37	5.04	2.08	1.17	---	---	23
24	---	---	0.560B	1.10 B	0.208	1.60	1.98	4.18	1.91	1.18	---	---	24
25	---	---	0.620B	1.14 B	0.337	1.83	1.78	3.27	1.80	1.16	---	---	25
26	---	---	0.660B	0.985B	0.338	1.88	1.72	2.81	2.20	1.16	---	---	26
27	---	---	0.670B	0.858B	0.315	2.18	1.60	2.50	2.68	1.14B	---	---	27
28	---	---	0.670B	0.711	0.288	4.32	1.48	2.17	3.04	1.11B	---	---	28
29	---	---	0.680B	0.554	0.224	4.40	1.42	1.86	3.16	1.08B	---	---	29
30	---		0.700B	0.579	0.231	5.38	1.36	1.72	3.08	1.04B	---	---	30
31	---		0.720B		0.272		1.28	1.53		1.03B		---	31
TOTAL	---	---	18.07B	32.98D	11.78B	81.101	189.78	90.47	51.98	47.61	---	---	TOTAL
MEAN	---	---	0.51B	1.10	0.380	2.70	6.44	2.92	1.73	1.54	---	---	MEAN
MAX	---	---	0.72D	1.90	0.540	6.86	19.1	6.84	3.16	2.91	---	---	MAX
MIN	---	---	0.44D	0.57B	0.208	0.378	1.28	1.31	1.00	1.02	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.17
MAXIMUM DAILY, 19.1 ON JUL 8
MINIMUM DAILY, 0.208 ON MAY 24
MAXIMUM INSTANTANEOUS,
19.8 AT 14:02 MST ON JUL 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 08 17 N
LONG 116 28 17 W
DRAINAGE AREA, 805 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17 300
FEB	---	AUG	7 820
MAR	1 390	SEP	4 490
APR	2 850	OCT	4 110
MAY	1 020	NOV	---
JUN	7 010	DEC	---

TOTAL DISCHARGE, 46 000 dam³

RAVEN RIVER NEAR RAVEN - STATION NO. 05CB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.840B	0.720B	1.47B	4.84B	1.71	1.54	2.18	1.78	1.06	2.13	1.74 B	1.14 B	1
2	0.880B	0.700B	1.82B	8.41B	1.81	1.49	2.02	2.46	1.01	2.04	1.85	1.00 B	2
3	1.00 B	0.700B	1.74B	10.0 B	1.58	1.44	1.71	2.76	0.982	1.84	1.81	0.880B	3
4	1.02 B	0.710B	1.62B	8.70B	1.60	1.30	1.57	2.37	0.939	1.88	1.57	0.740B	4
5	1.02 B	0.720B	1.80B	7.80B	1.57	1.42	1.54	1.94	0.921	1.81	1.46 B	0.720B	5
6	1.02 B	0.730B	1.68B	6.80B	1.58	1.72	2.09	1.88	0.900	1.77	1.40 B	0.680B	6
7	1.02 B	0.740B	1.69B	5.40B	1.57	1.88	3.38	1.78	0.914	1.71	1.30 B	0.650B	7
8	1.00 B	0.750B	1.74B	4.23B	1.57	2.32	3.48	1.82	0.951	1.84	1.17 B	0.630B	8
9	1.00 B	0.770B	1.80B	4.10B	1.54	3.09	2.58	1.77	0.991	1.83	1.06 B	0.620B	9
10	1.00 B	0.780B	1.78B	4.09B	1.52	3.16	2.03	1.64	1.18	1.80	1.00 B	0.780B	10
11	1.00 B	0.772B	1.81B	4.00B	1.48	2.81	1.78	1.58	1.55	1.81	0.920B	0.880B	11
12	1.00 B	1.10 B	1.77B	3.80B	1.47	2.47	1.87	1.55	1.61	1.80	0.880B	0.880B	12
13	1.00 B	1.24 B	1.78B	3.80B	1.48	2.29	1.82	1.48	1.52	1.58	0.810B	1.08 B	13
14	1.00 B	1.21 B	1.74B	3.70B	1.44	2.08	1.85	1.38	1.38	1.57	0.800B	1.10 B	14
15	1.00 B	1.30 B	1.78B	3.80B	1.38	2.02	1.89	1.28	1.23	1.57	0.780B	1.10 B	15
16	1.00 B	1.41 B	1.87B	3.50B	1.33	1.88	1.53	1.90	1.46	1.57	0.740B	1.10 B	16
17	1.02 B	1.37 B	1.57B	3.00	1.28	1.78	1.45	2.82	2.26	1.57	0.780B	1.10 B	17
18	1.05 B	1.24 B	1.37B	2.73	1.25	1.65	1.42	3.74	2.73	1.56	0.770B	1.10 B	18
19	1.07 B	1.48 B	1.88B	2.80	1.23	1.62	1.41	4.20	2.83	1.53	0.800B	1.10 B	19
20	1.10 B	1.37 B	2.08B	3.10	1.18	1.58	1.34	3.56	3.18	1.51	0.840B	1.10 B	20
21	1.10 B	1.33 B	2.48B	3.20	1.28	1.53	1.30	3.21	3.38	1.51	0.885B	1.09 B	21
22	1.12 B	1.29 B	3.84B	2.80	1.23	1.54	1.22	2.88	3.01	1.51	0.920B	1.09 B	22
23	1.10 B	1.20 B	4.74B	2.85	1.21	1.62	1.15	2.50	2.58	1.51	0.880B	1.08 B	23
24	1.08 B	1.13 B	5.04B	2.38	1.18	1.59	1.10	2.15	2.48	1.49	0.850B	1.08 B	24
25	1.04 B	1.05 B	5.08B	2.12	1.18	1.59	1.13	1.80	2.88	1.48	0.800B	1.08 B	25
26	0.970B	1.05 B	5.60B	2.00	1.15	1.59	1.10	1.84	3.05	1.57	0.880B	1.08 B	26
27	0.820B	1.06 B	5.15B	1.87	1.18	1.70	1.10	1.54	2.88	1.58B	0.480B	1.07 B	27
28	0.880B	1.13 B	4.70B	1.85	1.25	1.74	1.19	1.48	2.80	1.65B	0.560B	1.07 B	28
29	0.820B	1.21 B	3.99B	1.80	1.18	1.81	1.25	1.38	2.41	1.95B	0.850B	1.07 B	29
30	0.780B		3.03B	1.75	1.54	2.55	1.22	1.28	2.28	1.90B	1.00 B	1.08 B	30
31	0.740B		2.99B		1.80		1.22	1.18		1.82B		1.08 B	31
TOTAL	30.750	30.352	81.92	120.58	43.33	58.81	51.87	64.88	58.888	51.78	30.148	30.280	TOTAL
MEAN	0.992	1.05	2.84	4.02	1.40	1.90	1.87	2.08	1.90	1.87	1.00	0.878	MEAN
MAX	1.12	1.48	5.80	10.0	1.71	3.18	3.48	4.20	3.38	2.13	1.74	1.14	MAX
MIN	0.740	0.700	1.37	1.75	1.18	1.30	1.10	1.18	0.900	1.48	0.480	0.620	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.77
MAXIMUM DAILY, 10.0B ON APR 3
MINIMUM DAILY, 0.480B ON NOV 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 05 20 N
LONG 114 28 35 W
DRAINAGE AREA, 847 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 650	JUL	4 480
FEB	2 520	AUG	5 590
MAR	7 080	SEP	4 920
APR	10 400	OCT	4 470
MAY	3 740	NOV	2 600
JUN	4 920	DEC	2 610

TOTAL DISCHARGE, 55 100 dam³

RAY CREEK NEAR INNISFAIL - STATION NO. 05CE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.082B	0.051	0.551	0	0	0	0.028	0.003	---	1
2	---	---	0 B	0.085B	0.044	0.001	0	0	0	0.008	0.008E	---	2
3	---	---	0 B	0.070B	0.011	0	0	0	0	0.001	0.006A	---	3
4	---	---	0 B	0.147B	0.008	0	0	0	0	0	---	---	4
5	---	---	0 B	0.088B	0.005	0	0	0	0	0	---	---	5
6	---	---	0 B	0.067B	0.004	0.002	0.034	0	0	0	---	---	6
7	---	---	0 B	0.088B	0.003	0.002	0.074	0	0	0	---	---	7
8	---	---	0 B	0.058B	0.002	0.011	0.011	0	0	0	---	---	8
9	---	---	0 B	0.050	0.002	0.237	0.008	0	0	0	---	---	9
10	---	---	0 B	0.083	0.002	0.213	0.008	0	0	0.001	---	---	10
11	---	---	0 B	0.043	0.001	0.154	0.004	0	0	0.001	---	---	11
12	---	---	0 B	0.038	0.001	0.101	0.015	0	0	0	---	---	12
13	---	---	0 B	0.028	0.005	0.080	0.020	0	0	0	---	---	13
14	---	---	0 B	0.020	0.008	0.044	0.001	0	0	0	---	---	14
15	---	---	0 B	0.017	0.005	0.020	0.001	0	0	0	---	---	15
16	---	---	0 B	0.024	0.008	0.009	0	0.009	0	0	---	---	16
17	---	---	0.001B	0.017	0.007	0.007	0	0.078	0.014	0	---	---	17
18	---	---	0.004B	0.015	0.007	0.004	0.001	0.083	0.022	0	---	---	18
19	---	---	0.018B	0.018	0.004	0	0.001	0.058	0.008	0	---	---	19
20	---	---	0.030B	0.019	0.001	0	0	0.082	0.020	0	---	---	20
21	---	---	0.050B	0.019	0	0	0	0.244	0.020	0	---	---	21
22	---	---	0.040B	0.018	0	0	0	0.172	0.025	0.025	---	---	22
23	---	---	0.044B	0.024	0	0	0	0.129	0.007	0.007	---	---	23
24	---	---	0.043B	0.018	0	0	0	0.087	0.013	0.002	---	---	24
25	---	---	0.041B	0.018	0	0	0	0.087	0.029	0.001	---	---	25
26	---	0B	0.030B	0.013	0	0	0	0.021	0.030	0.001	---	---	26
27	---	0B	0.010	0.011	0.002	0	0	0.011	0.018	0.001	---	---	27
28	---	0B	0.004	0.010	0.020	0	0	0.008	0.018	0.001	---	---	28
29	---	0B	0.004B	0.010	0.503	0	0	0.005	0.021	0.002	---	---	29
30	---		0.020B	0.008	0.002	0	0	0.003	0.031	0.002	---	---	30
31	---		0.025B		0.003		0	0		0.002		---	31
TOTAL	---	---	0.384	1.152	0.398	0.898	0.184	1.083	0.278	0.081	---	---	TOTAL
MEAN	---	---	0.012	0.038	0.007	0.030	0.005	0.034	0.009	0.003	---	---	MEAN
MAX	---	---	0.050	0.147	0.851	0.237	0.074	0.244	0.031	0.025	---	---	MAX
MIN	---	---	0	0.008	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 0.244 ON AUG 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.366 AT 15:02 MST ON AUG 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 03 N
LONG 113 35 55 W
DRAINAGE AREA, 42.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14.2
FEB	---	AUG	91.8
MAR	31.4	SEP	23.8
APR	99.5	OCT	7.00
MAY	18.0	NOV	---
JUN	77.4	DEC	---

TOTAL DISCHARGE, 383 dam³

RED DEER RIVER ABOVE PANTHER RIVER - STATION NO. 05CA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.74	5.25	12.2	17.8	26.4	15.7	13.1	---	---	1
2	---	---	---	2.79	4.99	11.4	17.2	25.6	15.6	12.2	---	---	2
3	---	---	---	2.76	4.78	10.9	23.2	26.3	17.8	11.5	---	---	3
4	---	---	---	2.76	4.85	12.8	20.1	33.9	18.3	11.1	---	---	4
5	---	---	---	2.73	4.84	14.0	19.8	33.6	18.1	10.8	---	---	5
6	---	---	---	2.73	4.85	19.5	32.1	29.5	18.1	10.5	---	---	6
7	---	---	---	2.72	4.52	35.2	28.1	28.5	17.5	10.1	---	---	7
8	---	---	---	2.69	4.89	76.1	25.4	22.7	13.7	9.74	---	---	8
9	---	---	---	2.75	6.57	47.7	23.7	22.1	12.1	9.58	---	---	9
10	---	---	---	2.74	10.8	36.5	22.7	24.2	11.9	9.35	---	---	10
11	---	---	---	2.72	12.6	29.6	23.1	22.1	10.8	9.23	---	---	11
12	---	---	---	2.72	17.4	23.2	26.6	20.2	9.98	9.21	---	---	12
13	---	---	---	2.74	24.3	20.1	23.5	18.7	9.51	9.10	---	---	13
14	---	---	---	2.76	21.6	18.5	20.1	20.3	10.2	8.88	---	---	14
15	---	---	---	3.22	15.1	19.5	18.2	20.1	10.8	9.14	---	---	15
16	---	---	---	4.42	13.6	22.7	17.0	20.1	12.4	9.04	---	---	16
17	---	---	---	5.65	12.4	29.7	15.8	20.5	11.6	8.80	---	---	17
18	---	---	---	6.22	14.6	30.5	14.6	21.6	10.5	7.96	---	---	18
19	---	---	---	7.56	11.7	26.2	13.9	19.2	10.3	7.76	---	---	19
20	---	---	---	6.93	10.5	23.6	14.5	17.5	9.85	7.54	---	---	20
21	---	---	---	5.22	9.77	21.9	16.3	16.2	9.38	7.44	---	---	21
22	---	---	---	5.44	11.0	21.7	16.3	15.4	8.96	7.46	---	---	22
23	---	---	---	5.67	15.6	25.3	17.2	15.7	8.75	7.26	---	---	23
24	---	---	---	5.67	15.6	25.1	15.6	17.9	8.86	7.16	---	---	24
25	---	---	---	5.13	14.9	22.1	17.2	19.0	8.67	7.07A	---	---	25
26	---	---	---	4.78	14.6	22.9	16.9	22.7	8.42	8.80E	---	---	26
27	---	---	---	4.86	14.1	26.6	20.0	20.2	8.22	8.80E	---	---	27
28	---	---	---	4.84	13.0	26.9	19.2	19.5	7.97	8.40E	---	---	28
29	---	---	2.88A	5.46	13.1	26.0	16.4	19.7	7.89	8.00E	---	---	29
30	---		2.70	5.80	12.9	21.6	17.7	20.8	10.8	8.40E	---	---	30
31	---		2.71		12.6		18.7	18.6		8.80E		---	31
TOTAL	---	---	---	126.78	368.11	768.0	612.6	678.5	384.08	289.78	---	---	TOTAL
MEAN	---	---	---	4.33	11.9	25.3	19.8	21.9	11.8	8.70	---	---	MEAN
MAX	---	---	---	7.56	24.3	76.1	32.1	33.9	18.3	13.1	---	---	MAX
MIN	---	---	---	2.69	4.52	10.9	13.9	18.6	7.97	8.00	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.8
MAXIMUM DAILY, 76.1 ON JUN 8
MINIMUM DAILY, 2.69 ON APR 8
MAXIMUM INSTANTANEOUS,
110 AT 08:45 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 33 N
LONG 115 24 23 W
DRAINAGE AREA, 941 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	52 900
FEB	---	AUG	58 800
MAR	---	SEP	30 800
APR	11 000	OCT	23 300
MAY	31 800	NOV	---
JUN	65 500	DEC	---

TOTAL DISCHARGE, 274 000 dam³

RED DEER RIVER AT DRUMHELLER - STATION NO. 05CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.8 B	13.0B	16.1B	26.0B	18.5	18.8	41.2	42.8	41.7	38.7	25.3	11.7B	1
2	10.9 B	11.5B	15.3B	25.9B	22.0A	18.2	41.4	44.9	37.0	38.6	23.0	10.5B	2
3	9.78B	10.5B	16.0B	31.3B	29.4E	17.1	44.9	37.8	36.9	38.6	23.2	22.4B	3
4	12.1 B	11.0B	19.2B	30.8B	29.3A	17.4	47.1	56.7	35.1	42.0	22.9	21.0B	4
5	12.4 B	11.5B	16.1B	32.8B	29.4	17.3	50.4	57.3	34.6	43.3	22.6	18.9B	5
6	13.0 B	12.0B	17.4B	36.2B	25.6	18.9	51.4	60.6	34.0	45.6	23.1	18.0B	6
7	13.0 B	11.5B	16.7B	48.8B	20.1	30.7	49.6	70.9	33.2	45.4	23.6	18.7B	7
8	13.0 B	11.2B	17.0B	51.6	19.6	33.9	57.0	81.6	33.7	45.1	23.3	17.6B	8
9	13.5 B	11.6B	17.9B	50.6	19.4	41.5	59.6	78.6	33.6	43.4	23.1	18.9B	9
10	13.5 B	12.1B	17.8B	56.9	18.9	39.0	108	80.7	27.5	37.6	19.0	13.9B	10
11	13.5 B	12.8B	17.4B	57.2	18.6	31.4	95.4	76.9	24.6	37.3	17.6 B	13.4B	11
12	14.0 B	12.4B	17.0B	47.6	18.5	33.6	78.0	85.0	23.6	37.6	16.5 B	11.8B	12
13	14.5 B	11.9B	16.7B	36.0	18.1	43.0	74.3	84.3	22.6	37.0	14.8 B	10.8B	13
14	14.0 B	13.1B	16.8B	33.8	18.6	44.6	83.3	81.1	20.9	36.5	15.4 B	17.8B	14
15	16.2 B	13.3B	17.8B	32.0	18.4	43.6	87.0	81.2	20.4	36.8	13.0 B	18.0B	15
16	18.4 B	13.3B	18.3B	30.6	18.3	41.8	82.4	85.3	20.8	31.5	14.0 B	17.5B	16
17	15.9 B	13.1B	19.3B	29.8	18.2	41.1	80.4	83.9	25.4	32.1	14.5 B	15.8B	17
18	17.0 B	13.0B	19.7B	28.5	18.0	40.4	48.7	83.1	29.4	31.8	17.7 B	14.7B	18
19	18.0 B	13.3B	20.3B	26.4	17.8	39.7	46.3	84.7	28.6	31.6	13.2 B	17.2B	19
20	18.4 B	14.4B	20.8B	27.8	17.9	41.4	46.7	87.6	30.3	28.6	16.4 B	16.8B	20
21	15.2 B	13.0B	22.2B	26.6	17.6	42.6	38.9	110	27.4	28.8	16.4 B	19.8B	21
22	15.2 B	12.2B	22.8B	23.6	17.5	52.1	37.2	118	28.6	26.6	14.4 B	19.9B	22
23	15.0 B	11.3B	23.8B	23.5	18.6	52.4	30.6	105	26.4	26.4	14.2 B	18.8B	23
24	15.9 B	13.5B	21.8B	23.0	18.5	53.4	27.7	88.9	31.2	25.7	17.2 B	14.0B	24
25	15.9 B	16.0B	20.7B	21.3	18.5	51.5	27.0	78.5	32.3	25.0	20.1 B	13.5B	25
26	15.4 B	14.8B	20.2B	20.9	18.6	50.2	25.7	85.9	31.1	22.7	18.0 B	12.5B	26
27	15.8 B	15.1B	22.0B	20.5	17.0	40.4	25.0	87.4	30.4	21.8	11.6 B	11.5B	27
28	16.0 B	16.5B	23.7B	20.2	16.6	41.3	24.8	84.4	33.2	21.5	9.38B	11.0B	28
29	16.0 B	16.3B	26.2B	19.6	16.8	47.4	24.7	81.8	38.4	18.8	9.87B	11.9B	29
30	15.5 B		26.8B	19.2	17.2	50.3	25.9	80.0	39.3	20.8	8.73B	13.2B	30
31	14.5 B		21.8B		21.1		26.7	48.2		27.0		17.8B	31
TOTAL	448.08	375.8	601.8	971.1	605.3	1 123.8	1 523.3	2 082.0	915.0	1 026.1	530.75	500.6	TOTAL
MEAN	14.5	13.0	19.4	32.4	19.5	37.5	49.1	67.2	30.5	33.1	17.4	16.1	MEAN
MAX	17.0	16.0	26.8	60.8	29.4	52.4	108	118	41.7	45.6	25.3	22.4	MAX
MIN	9.78	10.5	16.1	19.2	16.5	17.1	24.8	37.8	20.4	18.8	8.73	11.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.2
MAXIMUM DAILY, 118 ON AUG 22
MINIMUM DAILY, 8.73B ON NOV 30
MAXIMUM INSTANTANEOUS,
123 AT 10:57 MST ON AUG 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 08 N
LONG 112 42 30 W
DRAINAGE AREA, 24 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 700	JUL	132 000
FEB	32 800	AUG	180 000
MAR	82 000	SEP	79 100
APR	83 900	OCT	88 600
MAY	82 300	NOV	45 000
JUN	97 100	DEC	43 300

TOTAL DISCHARGE, 925 000 dam³

RED DEER RIVER AT RED DEER - STATION NO. 05CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.7B	13.0B	15.6B	20.4	30.4	17.4	48.4	34.5	38.8	38.7	22.4	16.7 B	1
2	16.8B	14.4B	15.5B	20.5	30.0	17.5	49.0	32.2	38.4	42.7	22.7	16.4 B	2
3	16.0B	14.5B	15.7B	21.6	28.9	17.6	48.5	33.2	38.2	43.6	22.7	17.3 B	3
4	15.5B	14.6B	15.9B	22.6	21.5	23.3	50.2	35.7	35.4	46.4	22.6	17.5 B	4
5	15.4B	15.1B	16.4B	24.2	16.6	27.9	44.9	70.5	35.4	48.0A	23.6	16.9 B	5
6	16.0B	15.6B	16.5B	32.5	16.6	19.0	53.9	67.6	35.4	48.3A	24.1	13.1 B	6
7	17.2B	16.6B	16.5B	33.6	16.5	17.4	75.1	66.9	33.3	44.9	23.9	13.3 B	7
8	16.9B	16.2B	17.0B	31.0	16.4	19.2	75.7	65.2	22.4	37.6	23.2	8.96B	8
9	16.3B	15.7B	17.3B	30.5	16.6	23.2	63.6	63.6	21.6	37.6	23.4	14.6 B	9
10	17.2B	14.6B	18.4B	29.6	16.7	34.0	61.6	66.6	20.6	37.9	22.3	17.6 B	10
11	17.8B	16.1B	16.7B	26.7	16.6	36.6	72.2	66.3	20.1	37.7	21.2	17.3 B	11
12	17.2B	17.2B	17.4B	27.6	16.7	42.7	65.0	67.9	20.1	37.6	20.6	17.3 B	12
13	17.6B	16.6B	16.2B	26.4	16.4	42.6	57.9	63.6	20.3	35.3	20.6	16.7 B	13
14	17.6B	16.1B	16.1B	25.9	16.4	40.6	53.7	57.2	20.6	32.2	21.0	9.41B	14
15	17.9B	16.4B	16.0B	25.6	16.1	36.1	52.2	47.6	21.6	32.6	20.3	16.4 B	15
16	17.4B	16.6B	16.1B	25.6	16.1	37.7	51.6	47.3	26.4	32.7	20.6B	16.4 B	16
17	16.7B	16.6B	16.0B	25.3	17.6	36.6	51.6	46.3	23.6	32.0	20.5B	20.3 B	17
18	16.4B	16.6B	16.1B	26.1	17.6	43.2	48.3	67.4	23.0	29.0	21.2B	23.7 B	18
19	16.4B	16.2B	20.0B	24.3	17.6	44.2	40.3	100	23.1	28.7	20.6B	21.0 B	19
20	17.2B	16.1B	21.0B	23.7	17.6	57.3	38.0	108	26.1	24.7	19.0B	12.9 B	20
21	17.0B	16.6B	20.6B	23.4	17.6	56.3	28.6	108	27.0	24.6	18.0B	12.6 B	21
22	17.2B	14.1B	21.0B	23.6	17.6	56.0	27.9	101	27.4	25.3	20.2B	16.7 B	22
23	17.2B	14.0B	20.6	23.6	17.3	56.2	27.0	80.6	27.2	22.6	18.0	17.6 B	23
24	16.6B	16.0B	20.3	22.8	17.0	56.1	26.6	71.6	27.2	21.6	17.6	16.7 B	24
25	16.4B	16.6B	20.3	22.1	17.1	41.6	25.6	60.6	26.6	21.3	16.6B	14.7 B	25
26	16.2B	16.6B	20.9	21.6	17.0	40.6	24.7	57.2	33.0	21.2	16.9B	12.9 B	26
27	16.6B	16.0B	22.3	21.1	16.9	41.2	23.6	54.7	37.6	20.6	12.2B	14.7 B	27
28	16.7B	16.3B	19.3A	20.6	20.1	40.9	24.6	53.6	36.2	20.6	17.6B	17.4 B	28
29	14.3B	16.4B	20.6A	20.4	18.0	40.9	30.6	52.6	36.2	20.2	17.4B	16.4 B	29
30	11.4B		20.1	27.6	17.6	42.9	31.0	43.6	36.2	21.2	17.1B	17.6 B	30
31	12.4B		20.0		17.3		30.6	37.1		21.6		16.9 B	31
TOTAL	507.3	450.7	577.3	753.0	588.3	1 112.4	1 447.7	2 131.7	880.6	885.0	608.2	496.9B	TOTAL
MEAN	16.4	16.6	18.6	25.1	18.3	37.1	46.7	68.8	29.7	31.8	20.3	16.0	MEAN
MAX	17.8	17.2	22.3	33.6	30.4	57.3	83.6	108	38.2	48.4	24.1	23.7	MAX
MIN	11.4	13.0	15.6	20.4	16.9	17.4	23.8	34.5	20.1	20.2	12.2	8.96	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.6
MAXIMUM DAILY, 108 ON AUG 20
MINIMUM DAILY, 8.96B ON DEC 8
MAXIMUM INSTANTANEOUS,
118 AT 02:16 MST ON AUG 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 36 N
LONG 113 48 57 W
DRAINAGE AREA, 11 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 800	JUL	125 000
FEB	38 900	AUG	184 000
MAR	49 800	SEP	74 400
APR	65 100	OCT	85 100
MAY	51 700	NOV	52 500
JUN	96 100	DEC	42 900

TOTAL DISCHARGE, 910 000 dam³

RED DEER RIVER BELOW BURNT TIMBER CREEK - STATION NO. 05CA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.65B	2.10B	3.60B	5.50B	10.1	20.5	28.7	43.6	25.3	26.5	12.7	6.92B	1
2	2.66B	2.20B	3.20B	5.80B	9.54	18.6	24.6	51.0	25.3	27.4	12.8	8.39B	2
3	2.86B	2.15B	2.80B	5.40B	9.40	17.6	32.6	60.9	26.2	26.6	12.3	7.05B	3
4	2.60B	2.00B	2.70B	5.00B	9.25	20.7	30.0	78.0	27.2	24.6	11.6	5.80B	4
5	2.77B	2.30B	2.80B	4.80B	9.18	22.2	28.0	70.6	26.6	23.6	11.2	5.05B	5
6	2.70B	2.80B	3.35B	5.10B	9.36	28.7	46.9	57.7	26.6	22.2	11.7	4.32B	6
7	2.80B	3.00B	3.85B	4.76B	9.57	60.3	42.6	55.3	25.7	21.4	10.6	4.46B	7
8	2.65B	2.80B	4.20B	4.66B	11.1	111	37.3	50.6	21.6	20.6	9.06B	3.76B	8
9	2.65B	2.20B	3.85B	4.85B	13.8	91.2	36.2	45.3	19.6	20.0	8.43B	4.00B	9
10	2.76B	2.80B	3.70B	4.80B	20.3	66.9	34.3	43.1	21.3	19.3	9.02B	4.14B	10
11	2.85B	3.20B	3.60B	4.20B	23.6	54.6	34.6	42.0	20.1	18.9	10.4 B	4.66B	11
12	3.00B	3.80B	3.20B	5.40B	21.6	42.4	38.0	36.6	19.3	18.6	9.17B	6.53B	12
13	3.35B	3.60B	3.45B	6.71	40.6	37.1	35.6	34.1	18.6	18.3	7.40B	6.46B	13
14	3.70B	3.60B	3.70B	7.80	38.0	34.0	33.1	34.0	19.0	18.1	6.80B	6.80B	14
15	3.95B	3.80B	3.80B	8.77	26.6	34.6	32.7	33.6	18.4	18.3	6.20B	4.73B	15
16	3.70B	3.70B	3.80B	10.8	23.1	37.4	31.6	33.6	23.7	18.0	6.25B	3.63B	16
17	3.30B	3.70B	2.60B	12.3	31.8	46.3	26.4	34.0	24.3	17.2	6.40B	4.38B	17
18	3.00B	3.60B	3.80B	12.8	24.4	46.8	26.9	36.0	21.1	16.3	6.70B	6.68B	18
19	2.80B	4.20B	4.40B	14.7	18.4	40.0	25.6	33.4	21.0	16.0B	7.66B	6.45B	19
20	2.90B	4.60B	5.40B	13.4	17.6	36.1	25.8	30.8	20.7	15.4B	7.86B	6.10B	20
21	3.40B	3.80B	5.80B	12.8	16.4	33.9	26.6	29.9	20.0	15.0	7.46B	4.76B	21
22	4.60B	2.88B	5.60B	12.0	17.7	33.1	27.7	27.4	18.3	15.3	6.86B	4.80B	22
23	5.20B	3.40B	5.30B	11.2	26.4	36.3	27.0	26.7	16.8	14.7	6.03B	3.36B	23
24	4.85B	4.10B	5.80B	10.8	30.2	34.2	24.6	27.9	19.2	14.4	7.88B	2.97B	24
25	4.85B	4.80B	5.40B	8.71	23.9	31.3	25.1	26.8	18.9	14.5	7.10B	3.76B	25
26	4.95B	5.05B	5.60B	9.15	23.2	31.7	26.5	31.5	18.4	14.9	8.64B	4.33B	26
27	5.10B	4.80B	5.40B	9.18	22.7	34.8	27.4	30.1	18.0	13.2	6.61B	4.00B	27
28	4.50B	4.40B	5.20B	9.78	20.7	34.8	26.2	28.8	17.9	12.3	7.38B	4.24B	28
29	3.65B	3.80B	4.88B	11.0	20.8	36.5	22.5	28.8	19.2	11.6	8.68B	5.78B	29
30	2.80B		4.80B	10.6	21.3	31.9	21.8	30.8	24.6	13.0	8.47B	6.25B	30
31	3.20B		5.00B		20.8		23.8	27.2		12.7		6.73B	31
TOTAL	105.9B	99.1B	129.8B	252.9B	632.10	1 196.7	936.1	1 223.0	646.8	560.4	261.9B	162.3B	TOTAL
MEAN	3.42	3.42	4.19	8.43	20.4	39.9	30.2	39.5	21.6	18.1	8.73	5.24	MEAN
MAX	5.20	5.05	5.80	14.7	40.6	111	49.8	78.0	27.2	26.6	12.8	8.92	MAX
MIN	2.20	2.00	2.70	4.20	8.18	17.6	21.8	26.7	17.9	11.6	6.01	2.97	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.0
MAXIMUM DAILY, 111 ON JUN 8
MINIMUM DAILY, 2.00B ON FEB 4
MAXIMUM INSTANTANEOUS,
151 AT 05:30 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 02 N
LONG 115 01 00 W
DRAINAGE AREA, 3 250 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 150	JUL	80 900
FEB	9 570	AUG	105 000
MAR	11 200	SEP	55 800
APR	21 800	OCT	46 600
MAY	54 500	NOV	22 600
JUN	103 000	DEC	14 000

TOTAL DISCHARGE, 535 000 dam³

RED DEER RIVER NEAR BINDLOSS - STATION NO. 05CK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2 B	8.00B	12.4B	40.0B	22.8	23.8	92.6	32.8	56.3	36.9	24.3	16.9B	1
2	10.4 B	7.70B	13.9B	33.1	22.7	24.8	80.8	35.1	55.8	36.0	22.9	15.7B	2
3	10.9 B	7.60B	15.2B	35.2	22.5	23.7	81.5	39.0	54.0	39.5	22.6	13.7B	3
4	10.7 B	7.30B	15.6B	36.8	22.7	24.5	85.8	50.1	50.3	40.4	24.9	12.7B	4
5	10.4 B	7.00B	15.8B	39.6	21.4	24.9	91.5	87.2	48.7	40.7	26.1	12.6B	5
6	10.1 B	7.15B	16.3B	53.8	21.7	24.0	92.1	56.2	42.5	39.9A	23.8B	12.3B	6
7	9.79B	7.30B	17.2B	66.4	28.2	22.8	95.8	90.8	39.9	40.9E	23.0B	13.5B	7
8	9.18B	7.60B	17.7B	48.3	26.9	24.1	97.2	68.8	39.4	42.1E	23.8B	15.6B	8
9	8.71B	7.77B	18.2B	63.9	27.3	25.4	81.0	75.0	38.9	43.2E	24.0B	16.0B	9
10	10.1 B	8.00B	18.1B	59.1	27.1	37.0	80.8	81.2	38.7	44.3E	22.3B	19.7B	10
11	10.9 B	8.30B	17.8B	53.7	23.0	80.9	59.3	93.0	40.0	45.5E	21.0B	18.8B	11
12	11.4 B	8.70B	17.8B	55.7	21.2	79.8	81.8	92.2	41.0	46.8A	22.3B	19.2B	12
13	12.0 B	9.20B	18.0B	60.3	20.2	53.2	121	93.6	41.9	46.2	19.0B	18.1B	13
14	12.3 B	9.70B	18.5B	56.7	18.8	44.3	109	97.2	37.5	41.9	13.8B	17.8B	14
15	12.5 B	10.3 B	19.8B	52.8	20.0	42.0	94.3	82.8	35.2	40.4	13.4B	19.8B	15
16	12.7 B	10.4 B	20.4B	43.6	20.8	45.1	83.8	77.8	33.6	40.1	12.9B	13.4B	16
17	12.2 B	10.2 B	21.5B	37.5	20.8	46.0	75.4	74.8	32.7	39.3	12.3B	12.1B	17
18	11.5 B	10.1 B	22.0B	35.4	21.0	46.8	67.3	73.5	30.9	39.2	10.9B	13.1B	18
19	11.4 B	10.1 B	21.3B	32.8	21.3	44.3	62.8	70.3	30.9	38.7	10.2B	15.0B	19
20	11.5 B	10.2 B	20.3B	31.2	21.3	41.6	61.8	66.2	32.7	38.2	11.0B	15.3B	20
21	12.4 B	10.6 B	19.3B	30.2	21.5	38.6	59.5	62.4	35.8	35.6	13.1B	15.2B	21
22	12.7 B	11.3 B	18.7B	29.2	21.9	37.5	56.1	58.7	38.2	33.7B	13.5B	14.9B	22
23	12.8 B	12.1 B	19.3B	28.0	21.4	36.2	53.4	92.1	40.3	32.6	11.0B	13.9B	23
24	12.8 B	13.2 B	22.5B	28.7	21.5	36.7	48.9	123	39.4	30.7	12.7B	13.8B	24
25	12.0 B	12.2 B	21.9B	26.2	21.9	43.4	45.3	126	37.0	29.4	13.2B	13.4B	25
26	11.5 B	11.8 B	23.3B	25.7	22.1	51.2	43.8	116	37.1	27.6B	13.9B	14.4B	26
27	10.7 B	11.6 B	26.1B	24.9	21.2	52.4	38.9	105	38.0	26.8B	15.1B	15.2B	27
28	9.76B	11.7 B	27.6B	24.1	20.8	52.9	36.0	88.7	38.1	27.4B	15.8B	14.0B	28
29	9.30B	11.8 B	30.0B	23.6	20.8	56.0	35.1	76.4	38.8	26.8B	15.8B	11.8B	29
30	8.60B		30.5B	22.7	20.9	59.4	34.0	66.0	38.5	24.0B	15.2B	10.9B	30
31	8.25B		34.0B		21.8		32.4	61.8		24.9B		11.4B	31
TOTAL	339.9B	278.0Z	644.7	1 168.9	665.3	1 228.2	1 676.1	2 375.5	1 202.1	1 133.9	518.1	459.5	TOTAL
MEAN	11.0	9.92	20.8	38.5	22.1	40.9	80.8	76.8	40.1	36.6	17.3	14.7	MEAN
MAX	12.8	13.2	36.1	83.8	27.3	78.8	121	126	58.3	46.8	26.1	19.7	MAX
MIN	8.25	7.00	12.4	22.7	19.8	22.8	32.4	32.8	30.9	24.0	10.2	10.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.6
MAXIMUM DAILY, 126 ON AUG 25
MINIMUM DAILY, 7.00B ON FEB 5
MAXIMUM INSTANTANEOUS,
134 AT 20:30 MST ON AUG 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 10 N
LONG 110 17 50 W
DRAINAGE AREA, 44 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1906

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 400	JUL	182 000
FEB	34 100	AUG	295 000
MAR	85 700	SEP	194 000
APR	103 000	OCT	84 000
MAY	89 200	NOV	44 900
JUN	168 000	DEC	38 400

TOTAL DISCHARGE, 1 030 000 dam³

REDEARTH CREEK NEAR RED EARTH CREEK - STATION NO. 07JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.062B	0.065B	1.58	2.96	2.70	5.14	0.186	0.267	0.443B	---	1
2	---	---	0.061B	0.055B	1.60	3.09A	2.63	4.21	0.158	0.313	0.426B	---	2
3	---	---	0.061B	0.125B	1.66	3.32A	2.89	3.60	0.130	0.280	---	---	3
4	---	---	0.060B	0.150B	1.66	3.54	3.03	3.06	0.113	0.280	---	---	4
5	---	---	0.062B	0.145B	1.66	3.72	3.14	2.85	0.106	0.298	---	---	5
6	---	---	0.063B	0.154B	1.67	3.90	4.53	2.74	0.089	0.287	---	---	6
7	---	---	0.064B	0.167B	1.67	4.19	9.15	2.38	0.081	0.303	---	---	7
8	---	---	0.065B	0.242B	1.69	4.35	10.9	2.17	0.073	0.307	---	---	8
9	---	---	0.068B	0.386B	1.74	4.56	11.6	1.92	0.068	0.328	---	---	9
10	---	---	0.067B	0.614B	1.74	5.31	12.7	1.69	0.074	0.339	---	---	10
11	---	---	0.067B	0.724B	1.73	5.58	13.3	1.43	0.076	0.362	---	---	11
12	---	---	0.067B	1.22	1.86	6.04	13.8	1.40	0.070	0.347	---	---	12
13	---	---	0.067B	1.62	1.86	6.42	14.6	1.34	0.070	0.358	---	---	13
14	---	---	0.067B	1.11	1.87	6.52	15.1	1.28	0.073	0.351	---	---	14
15	---	---	0.067B	1.34	1.78	6.38	15.2	1.22	0.088	0.353	---	---	15
16	---	---	0.068B	1.74	1.85	6.08	15.2	1.12	0.116	0.377	---	---	16
17	---	---	0.070B	1.73	1.94	5.85	15.4	1.01	0.128	0.381	---	---	17
18	---	---	0.073B	2.10	2.01	4.94	15.4	0.930	0.138	0.378	---	---	18
19	---	---	0.075B	2.11	1.98	4.31	15.5	0.843	0.138	0.382	---	---	19
20	---	---	0.076B	1.81	1.95	3.88	15.4	0.894	0.152	0.415	---	---	20
21	---	---	0.078B	1.88	1.90	3.23	15.3	0.803	0.186	0.438	---	---	21
22	---	---	0.078B	1.88	1.84	2.89	15.1	0.704	0.188	0.476	---	---	22
23	---	---	0.080B	1.88	1.77	2.85	14.8	0.606	0.177	0.481	---	---	23
24	---	---	0.080B	1.84	1.71	2.51	14.4	0.498	0.184	0.506	---	---	24
25	---	---	0.080B	1.78	1.89	3.24	13.9	0.398	0.204	0.518	---	---	25
26	---	---	0.080B	1.80	1.95	2.08	13.2	0.317	0.231	0.488B	---	---	26
27	---	---	0.080B	1.72	1.56	2.06	12.1	0.280	0.218	0.454B	---	---	27
28	---	---	0.080B	1.62	1.53	2.01	10.8	0.210	0.250	0.417B	---	---	28
29	---	---	0.080B	1.55	1.48	2.03	9.36	0.190	0.271	0.401B	---	---	29
30	---		0.082B	1.55	2.04	2.20	7.84	0.183	0.274	0.408B	---	---	30
31	---		0.083B		2.77		6.39	0.180		0.424B		---	31
TOTAL	---	---	2.210	38.28B	54.81	118.83	348.78	45.69B	4.287	11.78B	---	---	TOTAL
MEAN	---	---	0.071	1.18	1.77	3.95	11.2	1.47	0.142	0.378	---	---	MEAN
MAX	---	---	0.083	2.11	2.77	6.52	15.5	5.14	0.274	0.518	---	---	MAX
MIN	---	---	0.060	0.055	1.48	2.01	2.70	0.180	0.088	0.267	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.52
MAXIMUM DAILY, 15.5 ON JUL 19
MINIMUM DAILY, 0.05B ON MAR 4
MAXIMUM INSTANTANEOUS,
15.5 AT 08:00 MST ON JUL 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 32 40 N
LONG 115 14 20 W
DRAINAGE AREA, 819 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28 990
FEB	---	AUG	3 950
MAR	181	SEP	388
APR	3 980	OCT	1 820
MAY	4 740	NOV	---
JUN	10 200	DEC	---

TOTAL DISCHARGE, 53 400 dam³

REDEARTH CREEK NEAR THE MOUTH - STATION NO. 06EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.17	7.83	7.11	5.80	3.10	2.58	---	---	1
2	---	---	---	---	1.11	7.18	6.82	5.42	3.09	2.57	---	---	2
3	---	---	---	---	1.06	7.89	10.6	5.73	3.24	2.50	---	---	3
4	---	---	---	---	1.05	8.62	10.1	5.33	3.36	2.44	---	---	4
5	---	---	---	---	1.02	9.57	9.73	5.37	3.32	2.34	---	---	5
6	---	---	---	---	1.05	15.2	11.6	5.30	3.36	2.27	---	---	6
7	---	---	---	---	1.09	20.0	10.4	4.86	3.51	2.22	---	---	7
8	---	---	---	---	1.29	27.3	8.82	4.41	2.82	2.15	---	---	8
9	---	---	---	---	1.71	18.2	6.27	4.42	2.89	2.06	---	---	9
10	---	---	---	---	2.29	15.1	6.12	4.84	2.62	2.06	---	---	10
11	---	---	---	---	2.78	12.8	6.53	4.68	2.33	2.03	---	---	11
12	---	---	---	---	3.89	11.0	13.0	4.16	2.19	2.01	---	---	12
13	---	---	---	---	5.95	9.63	10.7	4.04	2.07	2.02	---	---	13
14	---	---	---	---	6.46	8.30	9.19	4.38	2.05	2.31	---	---	14
15	---	---	---	---	6.67	8.57	8.21	4.32	2.08	2.71	---	---	15
16	---	---	---	---	6.84	10.6	7.86	4.11	2.20	2.86	---	---	16
17	---	---	---	---	6.10	12.8	6.78	4.03	2.26	2.80	---	---	17
16	---	---	---	---	6.84	13.5	6.21	4.10	2.08	2.20	---	---	18
19	---	---	---	---	6.67	11.6	6.64	3.67	2.03	2.10	---	---	19
20	---	---	---	---	4.96	10.6	5.72	3.76	1.99	2.03	---	---	20
21	---	---	---	1.29A	4.84	9.33	5.84	3.68	1.89	2.01	---	---	21
22	---	---	---	1.40	6.29	9.26	6.09	3.36	1.78	2.31	---	---	22
23	---	---	---	1.37	10.1	9.66	5.67	3.28	1.77	2.08	---	---	23
24	---	---	---	1.30	10.8	10.7	6.21	3.43	1.86	2.02	---	---	24
25	---	---	---	1.19	9.49	9.26	5.20	3.89	1.84	1.81	---	---	25
26	---	---	---	1.13	9.42	9.13	5.37	3.96	1.78	1.81	---	---	26
27	---	---	---	1.10	8.37	8.83	5.36	3.76	1.78	1.84	---	---	27
28	---	---	---	1.12	6.86	8.67	4.86	3.66	1.76	1.64	---	---	28
29	---	---	---	1.24	10.2	8.80	4.88	3.68	1.77	1.61	---	---	29
30	---		---	1.25	9.06	8.84	4.84	3.86	2.84	1.72	---	---	30
31	---		---		8.42		4.86	3.35		1.86A		---	31
TOTAL	---	---	---	---	166.22	344.89	233.44	134.69	71.02	66.21	---	---	TOTAL
MEAN	---	---	---	---	5.36	11.5	7.53	4.34	2.37	2.14	---	---	MEAN
MAX	---	---	---	---	10.8	27.3	13.0	5.80	3.51	2.86	---	---	MAX
MIN	---	---	---	---	1.02	7.18	4.86	3.26	1.76	1.64	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.62
MAXIMUM DAILY, 27.3 ON JUN 6
MINIMUM DAILY, 1.02 ON MAY 5
MAXIMUM INSTANTANEOUS,
33.1 AT 01:05 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 13 22 N
LONG 115 48 48 W
DRAINAGE AREA, 147 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20 200
FEB	---	AUG	11 600
MAR	---	SEP	5 140
APR	---	OCT	5 720
MAY	14 400	NOV	---
JUN	29 800	DEC	---

TOTAL DISCHARGE, 87 900 dam³

REDWATER RIVER NEAR THE MOUTH - STATION NO. 05EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0508	0.087	0.441	0.073	0.364	0.370	0.075	0.020	0.0158	---	1
2	---	---	0.0508	0.088	0.436	0.077	0.355	0.263	0.074	0.018	0.0158	---	2
3	---	---	0.0508	0.101	0.522	0.077	0.318	0.235	0.070	0.018	0.0158	---	3
4	---	---	0.0508	0.102	0.502	0.076	0.306	0.199	0.062	0.018	---	---	4
5	---	---	0.0508	0.104	0.430	0.076	0.303	0.173	0.058	0.019	---	---	5
6	---	---	0.0508	0.105	0.400	0.070	0.692	0.193	0.048	0.020	---	---	6
7	---	---	0.0508	0.111	0.388	0.065	2.16	0.238	0.041	0.016	---	---	7
8	---	---	0.0508	0.118	0.365	0.080	3.33	0.239	0.034	0.017	---	---	8
9	---	---	0.0578	0.127	0.330	0.166	3.31	0.185	0.026	0.015	---	---	9
10	---	---	0.0608	0.138	0.288	0.237	3.48	0.174	0.023	0.015	---	---	10
11	---	---	0.0618	0.157	0.268	0.331	3.62	0.158	0.021	0.014	---	---	11
12	---	---	0.0588	0.181	0.232	0.431	3.58	0.148	0.043	0.013	---	---	12
13	---	---	0.0608	0.167	0.186	0.617	3.36	0.118	0.063	0.011	---	---	13
14	---	---	0.0608	0.167	0.180	0.618	3.03	0.108	0.060	0.011	---	---	14
15	---	---	0.0588	0.167	0.188	0.695	2.80	0.097	0.043	0.012	---	---	15
16	---	---	0.0588	0.183	0.188	0.535	2.85	0.088	0.038	0.013	---	---	16
17	---	---	0.0588	0.171	0.147	0.613	2.38	0.091	0.035	0.0128	---	---	17
18	---	---	0.0628	0.203	0.136	0.482	2.28	0.094	0.030	0.0128	---	---	18
19	---	---	0.0588	0.193	0.126	0.444	2.08	0.085	0.026	0.0128	---	---	19
20	---	---	0.0588	0.190	0.122	0.397	1.91	0.078	0.023	0.0128	---	---	20
21	---	---	0.0708	0.188	0.120	0.356	1.74	0.078	0.020	0.0138	---	---	21
22	---	---	0.0708	0.206	0.127	0.334	1.60	0.070	0.018	0.0138	---	---	22
23	---	---	0.0708	0.223	0.152	0.340	1.43	0.083	0.018	0.0138	---	---	23
24	---	---	0.0708	0.242	0.135	0.343	1.33	0.084	0.018	0.0138	---	---	24
25	---	---	0.0708	0.270	0.116	0.378	1.16	0.084	0.017	0.0138	---	---	25
26	---	---	0.0708	0.282	0.110	0.402	0.953	0.083	0.018	0.0148	---	---	26
27	---	---	0.0708	0.308	0.108	0.392	0.736	0.083	0.020	0.0148	---	---	27
28	---	---	0.0758	0.309	0.101	0.385	0.606	0.085	0.022	0.0148	---	---	28
29	---	---	0.067	0.308	0.092	0.377	0.505	0.083	0.022	0.0148	---	---	29
30	---		0.060	0.283	0.083	0.385	0.404	0.083	0.020	0.0148	---	---	30
31	---		0.055		0.071		0.425	0.078		0.0148		---	31
TOTAL	---	---	1.887	5.499	7.081	9.564	83.280	4.200	1.070	0.449	---	---	TOTAL
MEAN	---	---	0.063	0.182	0.226	0.319	1.72	0.135	0.038	0.014	---	---	MEAN
MAX	---	---	0.086	0.383	0.522	0.617	3.62	0.370	0.075	0.020	---	---	MAX
MIN	---	---	0.050	0.087	0.071	0.065	0.303	0.083	0.017	0.011	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.339
MAXIMUM DAILY, 3.62 ON JUL 11
MINIMUM DAILY, 0.011 ON OCT 13
MAXIMUM INSTANTANEOUS,
4.00 AT 14:10 MST ON JUL 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 48 N
LONG 112 58 48 W
DRAINAGE AREA, 1 580 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 890
FEB	---	AUG	343
MAR	170	SEP	92.4
APR	473	OCT	38.8
MAY	613	NOV	---
JUN	838	DEC	---

TOTAL DISCHARGE, 7 180 dam³

REDWATER RIVER NEAR VIMY - STATION NO. 05EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.0028	0.008	0	0.018	0.017	0.074	0.004	---	---	1
2	---	---	0B	0.0028	0.008	0	0.015	0.018	0.077	0.003	---	---	2
3	---	---	0B	0.0028	0.006	0	0.013	0.015	0.077	0.002	---	---	3
4	---	---	0B	0.0028	0.006	0	0.011	0.012	0.074	0.002	---	---	4
5	---	---	0B	0.0028	0.006	0	0.009	0.012	0.071	0.002	---	---	5
6	---	---	0B	0.0028	0.006	0	0.407	0.010	0.084	0.002	---	---	6
7	---	---	0B	0.0028	0.006	0	0.738	0.008	0.084	0.002	---	---	7
8	---	---	0B	0.0028	0.004	0.001	1.24	0.030	0.046	0.002	---	---	8
9	---	---	0B	0.0028	0.004	0.008	1.40	0.026	0.018	0.002	---	---	9
10	---	---	0B	0.0028	0.004	0.015	1.34	0.018	0.014	0.002	---	---	10
11	---	---	0B	0.002	0.003	0.021	1.28	0.016	0.011	0.002	---	---	11
12	---	---	0B	0.002	0.002	0.071	1.28	0.013	0.008	0.002	---	---	12
13	---	---	0B	0.002	0.002	0.118	1.28	0.010	0.002	0.002	---	---	13
14	---	---	0B	0.003	0.004	0.112	1.28	0.007	0.003	0.002	---	---	14
15	---	---	0B	0.002	0.005	0.096	1.27	0.008	0.002	0.002	---	---	15
16	---	---	0B	0.002	0.004	0.078	1.20	0.021	0.005	0.001	---	---	16
17	---	---	0B	0.002	0.003	0.060	1.11	0.018	0.005	0.001	---	---	17
18	---	---	0B	0.002	0.002	0.035	1.00	0.014	0.004	0.001	---	---	18
19	---	---	0B	0.002	0.001	0.020	0.892	0.013	0.008	0.001	---	---	19
20	---	---	0B	0.003	0	0.020	0.797	0.012	0.008	0.001	---	---	20
21	---	---	0B	0.003	0	0.020	0.878	0.011	0.038	0.001	---	---	21
22	---	---	0B	0.003	0	0.020	0.517	0.008	0.008	0.001	---	---	22
23	---	0B	0B	0.003	0	0.030	0.473	0.008	0.007	0.001	---	---	23
24	---	0B	0B	0.003	0	0.031	0.412	0.252	0.008	0.001	---	---	24
25	---	0B	0B	0.003	0	0.021	0.348	0.131	0.005	0.001	---	---	25
26	---	0B	0B	0.003	0	0.018	0.283	0.083	0.008	0.001	---	---	26
27	---	0B	0B	0.003	0	0.018	0.170	0.082	0.006	0.001	---	---	27
28	---	0B	0B	0.004	0	0.024	0.122	0.080	0.006	0.001	---	---	28
29	---	0B	0B	0.005	0	0.020	0.084	0.095	0.005	0.001	---	---	29
30	---		0B	0.007	0	0.018	0.055	0.090	0.005	0.001	---	---	30
31	---		0B		0		0.031	0.078		0.001		---	31
TOTAL	---	---	0	0.078	0.078	0.879	18.783	1.308	0.898	0.049	---	---	TOTAL
MEAN	---	---	0	0.003	0.002	0.028	0.838	0.042	0.023	0.002	---	---	MEAN
MAX	---	---	0	0.007	0.008	0.118	1.40	0.252	0.077	0.004	---	---	MAX
MIN	---	---	0	0.002	0	0	0.009	0.005	0.002	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.083
MAXIMUM DAILY, 1.40 ON JUL 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.44 AT 08:10 MST ON JUL 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 05 39 N
LONG 113 33 59 W
DRAINAGE AREA, 488 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 710
FEB	---	AUG	113
MAR	0	SEP	60.1
APR	8.63	OCT	4.23
MAY	8.67	NOV	---
JUN	75.9	DEC	---

TOTAL DISCHARGE, 1 980 dam³

REDWILLOW CREEK NEAR RED WILLOW - STATION NO. 05PC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0428	0.153	0.038	0.015	0.018	0.001	0.001	0.001A	---	1
2	---	---	0 B	0.0418	0.150	0.024	0.015	0.018	0.001	0.002	---	---	2
3	---	---	0 B	0.0498	0.158	0.008	0.011	0.014	0.001	0.004	---	---	3
4	---	---	0 B	0.0508	0.227	0.006	0.012	0.010	0.001	0.002	---	---	4
5	---	---	0.0028	0.0538	0.208	0.013	0.011	0.004	0.001	0.002	---	---	5
6	---	---	0.0058	0.0738	0.181	0.007	0.011	0.002	0.001	0.002	---	---	6
7	---	---	0.0088	0.0818	0.187	0.008	0.012	0.001	0.001	0.002	---	---	7
8	---	---	0.0078	0.1588	0.180	0.020	0.011	0.001	0.001	0.002	---	---	8
9	---	---	0.0088	0.5088	0.174	0.038	0.008	0.002	0.001	0.002	---	---	9
10	---	---	0.0088	2.41 B	0.168	0.041	0.001	0.004	0.001	0.002	---	---	10
11	---	---	0.0088	2.07	0.152	0.028	0.001	0.008	0.002	0.002	---	---	11
12	---	---	0.0078	1.92	0.139	0.023	0.004	0.009	0.002	0.001	---	---	12
13	---	---	0.0088	1.81	0.133	0.022	0.006	0.011	0.001	0.001	---	---	13
14	---	---	0.0048	0.942	0.126	0.023	0.011	0.011	0.001	0.001	---	---	14
15	---	---	0.0078	0.558	0.121	0.028	0.013	0.011	0.001	0.001	---	---	15
16	---	---	0.0088	0.514	0.121	0.027	0.007	0.010	0.003	0.001	---	---	16
17	---	---	0.0108	0.403	0.101	0.031	0.005	0.010	0.002	0.001	---	---	17
18	---	---	0.0128	0.274	0.086	0.028	0.004	0.014	0.001	0.001	---	---	18
19	---	---	0.0138	0.202	0.082	0.025	0.004	0.021	0.003	0.001	---	---	19
20	---	---	0.0158	0.189	0.080	0.022	0.003	0.021	0.002	0.001	---	---	20
21	---	---	0.0288	0.174	0.076	0.021	0.002	5.015	0.001	0.001	---	---	21
22	---	---	0.018	0.158	0.073	0.018	0.002	0.011	0.001	0.001	---	---	22
23	---	---	0.028	0.157	0.071	0.014	0.001	0.010	0.001	0.001	---	---	23
24	---	---	0.037	0.132	0.061	0.020	0.001	0.008	0.002	0.001	---	---	24
25	---	---	0.042	0.127	0.036	0.017	0.001	0.008	0.004	0.001	---	---	25
26	---	---	0.037	0.141	0.028	0.014	0.001	0.005	0.004	0.001	---	---	26
27	---	---	0.0378	0.126	0.025	0.010	0.001	0.001	0.005	0.001	---	---	27
28	---	---	0.0388	0.117	0.018	0.008	0.001	0.001	0.003	0.001	---	---	28
29	---	---	0.0368	0.116	0.011	0.009	0.002	0.001	0.002	0.001	---	---	29
30	---		0.0488	0.119	0.018	0.018	0.020	0.001	0.002	0.001	---	---	30
31	---		0.0408		0.053		0.018	0.001		0.001		---	31
TOTAL	---	---	0.803	13.728	3.438	0.599	0.209	0.257	0.083	0.043	---	---	TOTAL
MEAN	---	---	0.018	0.458	0.111	0.020	0.007	0.008	0.002	0.001	---	---	MEAN
MAX	---	---	0.048	2.41	0.237	0.041	0.020	0.021	0.005	0.004	---	---	MAX
MIN	---	---	0	0.041	0.011	0.005	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.077
MAXIMUM DAILY, 2.41B ON APR 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.02B AT 19:16 MST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 31 18 N
LONG 112 22 13 W
DRAINAGE AREA, 525 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18.1
FEB	---	AUG	22.2
MAR	43.5	SEP	4.68
APR	1 190	OCT	3.72
MAY	287	NOV	---
JUN	51.8	DEC	---

TOTAL DISCHARGE, 1 630 dam³

REDWILLOW RIVER NEAR BEAVERLODGE - STATION NO. 07ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.126B	0.034B	0.367B	0.782B	8.38	1.23	2.56	0.340	0.074	0.018	0.080B	0.047B	1
2	0.125B	0.033B	0.317B	0.807B	8.13	1.16	3.52	0.306	0.089	0.020	0.055B	0.045B	2
3	0.117B	0.032B	0.267B	0.834B	7.90	1.08	3.71	0.283	0.083	0.018	0.055B	0.048B	3
4	0.112B	0.031B	0.233B	0.442B	8.84	1.01	3.84	0.249	0.082	0.034	0.055B	0.048B	4
5	0.105B	0.029B	0.224B	0.385B	8.52	1.11	3.89	0.229	0.080	0.048	0.053B	0.045B	5
6	0.106B	0.028B	0.207B	0.438B	8.10	1.59	3.78	0.224	0.088	0.047	0.053B	0.040B	6
7	0.102B	0.026B	0.212B	0.343B	8.89	1.82	3.80	0.242	0.087	0.048	0.051B	0.038B	7
8	0.098B	0.024B	0.223B	0.304B	8.34	8.43	3.80	0.215	0.083	0.048	0.047B	0.031B	8
9	0.094B	0.023B	0.242B	0.346B	8.18	8.56	3.22	0.199	0.059	0.049	0.048B	0.027B	9
10	0.090B	0.025B	0.291B	0.382B	4.83	8.76	2.91	0.146	0.057	0.050	0.046B	0.022B	10
11	0.083B	0.033B	0.242B	0.446B	4.57	8.08	2.96	0.132	0.054	0.052	0.048B	0.017B	11
12	0.082B	0.048B	0.226B	0.540B	4.23	8.52	2.81	0.118	0.051	0.054	0.044B	0.018B	12
13	0.080B	0.058B	0.323B	1.25 B	3.82	11.0	10.3	0.111	0.048	0.056	0.044B	0.020B	13
14	0.080B	0.075B	0.442B	2.08 B	3.77	10.5	11.8	0.105	0.045	0.057	0.044B	0.024B	14
15	0.080B	0.090B	0.422B	2.83 B	3.58	10.2	10.4	0.098	0.045	0.057	0.047B	0.022B	15
16	0.083B	0.101B	0.433B	3.25 B	3.80	8.72	8.41	0.109	0.042	0.058	0.047B	0.018B	16
17	0.085B	0.102B	0.411B	4.09	3.38	7.30	6.75	0.138	0.038	0.061	0.048B	0.017B	17
18	0.089B	0.104B	0.381B	5.09	3.24	6.08	5.48	0.282	0.037	0.062	0.051B	0.021B	18
19	0.110B	0.108B	0.412B	5.00	2.82	5.01	4.80	0.294	0.035	0.063	0.051B	0.023B	19
20	0.119B	0.108B	0.588B	5.25	2.65	4.34	3.80	0.270	0.033	0.064	0.050B	0.022B	20
21	0.103B	0.109B	0.602B	5.85	2.41	3.72	3.14	0.183	0.030	0.067	0.052B	0.021B	21
22	0.082B	0.118B	0.658B	10.5	2.22	3.24	2.84	0.155	0.028	0.074	0.058B	0.019B	22
23	0.070B	0.131B	0.614B	10.7	2.12	2.86	2.14	0.136	0.026	0.078	0.055B	0.007B	23
24	0.064B	0.186B	0.635B	10.2	1.96	2.46	1.81	0.127	0.024	0.084	0.052B	0.003B	24
25	0.039B	0.293B	0.637B	8.93	1.80	2.18	1.59	0.118	0.023	0.089	0.052B	0.002B	25
26	0.038B	0.322B	1.04 B	8.47	1.77	1.98	1.31	0.111	0.021	0.084	0.048B	0.002B	26
27	0.038B	0.318B	0.800B	7.82	1.82	1.78	1.07	0.106	0.020	0.083B	0.048B	0.002B	27
28	0.038B	0.349B	0.809B	7.57	1.46	1.85	0.858	0.102	0.018	0.088B	0.044B	0.002B	28
29	0.037B	0.440B	0.818B	7.88	1.42	1.48	0.861	0.088	0.018	0.079B	0.050B	0.001B	29
30	0.038B		0.829B	8.09	1.25	1.70	0.488	0.080	0.018	0.072B	0.050B	0 B	30
31	0.035B		0.823B		1.21		0.370	0.079		0.065B		0 B	31
TOTAL	2.635	3.380	15.813	126.396	118.63	136.88	117.784	5.344	1.389	1.845	1.500	0.843	TOTAL
MEAN	0.082	0.116	0.504	4.28	3.86	4.56	3.80	0.172	0.048	0.080	0.050	0.021	MEAN
MAX	0.126	0.440	1.04	10.7	8.38	11.0	11.8	0.340	0.082	0.094	0.080	0.048	MAX
MIN	0.035	0.023	0.207	0.304	1.21	1.01	0.370	0.079	0.018	0.018	0.044	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 11.8 ON JUL 14
MINIMUM DAILY, 0B ON DEC 30
MAXIMUM INSTANTANEOUS,
12.8 AT 16:00 MST ON JUL 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 55 N
LONG 119 31 30 W
DRAINAGE AREA, 1 610 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	218	JUL	10 200
FEB	288	AUG	462
MAR	1 350	SEP	118
APR	11 100	OCT	159
MAY	10 300	NOV	130
JUN	11 800	DEC	55.8

TOTAL DISCHARGE, 46 200 dam³

REESOR RESERVOIR NEAR ELKWATER - STATION NO. 11AB090

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	1226.25A	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	1226.38E	---	---	---	---	---	---	---	6
7	---	---	---	---	---	1226.38E	---	---	---	---	---	---	7
8	---	---	1226.24BE	1226.26IE	1226.37AE	1226.38ZE	1226.26BE	1226.18BE	1226.17ZE	1226.22BE	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	1226.34ZE	---	---	---	1226.38Z	---	---	---	---	---	---	16
17	---	---	---	---	1226.40A	---	---	---	---	---	---	---	17
18	---	---	---	1226.30BE	---	1226.37ZE	---	---	1226.18ZE	---	---	---	18
19	---	---	1226.29ZE	---	1226.40IE	---	1226.24BE	1226.17IE	---	1226.23BE	---	---	19
20	---	---	---	---	---	---	---	---	1226.18B	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	1226.24Z	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	1226.24BE	---	---	25
26	---	1226.24BE	---	1226.32B	---	---	1226.21B	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	1226.33BE	---	1226.32B	---	---	1226.20BE	---	---	---	28
29	---	1226.24BE	1226.25ZE	---	1226.38BE	---	1226.21BE	1226.18BE	---	---	---	---	29
30	---	---	1226.25B	1226.34AE	---	1226.32OE	---	---	1226.21IE	---	---	---	30
31	---	---	1226.26OE	---	1226.38B	---	1226.21OE	1226.18B	---	1226.26BE	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1226.404 ON MAY 17
MINIMUM DAILY, 1226.18B ON AUG 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 38 40 N
LONG 110 05 44 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3.65 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REITA CREEK NEAR OUTLET OF ANGLING LAKE - STATION NO. 06AD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0128	0.0508	0.312	0.165	0.106	0.093	0.088	0.042	0.0238	---	1
2	---	---	0.0128	0.3008	0.312	0.160	0.105	0.094	0.087	0.040	---	---	2
3	---	---	0.0128	0.5058	0.314	0.155	0.102	0.095	0.086	0.036	---	---	3
4	---	---	0.0128	0.347	0.313	0.147	0.100	0.096	0.084	0.036	---	---	4
5	---	---	0.0128	0.382	0.292	0.147	0.099	0.097	0.082	0.033	---	---	5
6	---	---	0.0128	0.374	0.278	0.142	0.098	0.101	0.082	0.033	---	---	6
7	---	---	0.0138	0.413	0.278	0.141	0.089	0.098	0.081	0.033	---	---	7
8	---	---	0.0158	0.471	0.278	0.134	0.091	0.098	0.078	0.033	---	---	8
9	---	---	0.0178	0.370	0.272	0.128	0.091	0.098	0.074	0.034	---	---	9
10	---	---	0.0208	0.383	0.268	0.122	0.092	0.099	0.073	0.030	---	---	10
11	---	---	0.0218	0.338	0.258	0.125	0.092	0.101	0.071	0.030	---	---	11
12	---	---	0.0208	0.325	0.248	0.119	0.094	0.101	0.069	0.033	---	---	12
13	---	---	0.0188	0.328	0.236	0.121	0.094	0.102	0.068	0.033	---	---	13
14	---	---	0.0178	0.310	0.233	0.123	0.097	0.100	0.068	0.033	---	---	14
15	---	---	0.0178	0.297	0.230	0.121	0.095	0.098	0.064	0.032	---	---	15
16	---	---	0.0188	0.303	0.223	0.118	0.094	0.095	0.061	0.033	---	---	16
17	---	---	0.0158	0.308	0.215	0.123	0.094	0.095	0.059	0.031	---	---	17
18	---	---	0.0148	0.281	0.212	0.124	0.095	0.094	0.057	0.029	---	---	18
19	---	---	0.0138	0.277	0.208	0.121	0.095	0.091	0.055	0.029	---	---	19
20	---	---	0.0128	0.290	0.203	0.123	0.095	0.093	0.053	0.029	---	---	20
21	---	---	0.0128	0.301	0.197	0.121	0.094	0.094	0.052	0.030	---	---	21
22	---	---	0.0148	0.308	0.192	0.120	0.095	0.095	0.053	0.027	---	---	22
23	---	---	0.0188	0.315	0.177	0.118	0.094	0.096	0.052	0.026	---	---	23
24	---	---	0.0258	0.319	0.187	0.115	0.095	0.096	0.051	0.024	---	---	24
25	---	---	0.0328	0.318	0.188	0.113	0.095	0.096	0.048	0.024	---	---	25
26	---	---	0.0308	0.318	0.183	0.110	0.094	0.095	0.047	0.024	---	---	26
27	---	---	0.0298	0.319	0.182	0.108	0.094	0.096	0.048	0.0228	---	---	27
28	---	---	0.0258	0.324	0.158	0.124	0.092	0.095	0.044	0.0228	---	---	28
29	---	---	0.0238	0.319	0.155	0.121	0.092	0.091	0.043	0.0228	---	---	29
30	---		0.0238	0.318	0.150	0.108	0.093	0.091	0.044	0.0228	---	---	30
31	---		0.0218		0.170		0.093	0.090		0.0238		---	31
TOTAL	---	---	0.552	9.794	7.050	3.815	2.851	2.982	1.818	0.929	---	---	TOTAL
MEAN	---	---	0.018	0.326	0.227	0.127	0.095	0.095	0.084	0.030	---	---	MEAN
MAX	---	---	0.032	0.505	0.314	0.165	0.106	0.102	0.088	0.042	---	---	MAX
MIN	---	---	0.012	0.050	0.150	0.108	0.089	0.090	0.043	0.022	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.122
MAXIMUM DAILY, 0.505B ON APR 3
MINIMUM DAILY, 0.012B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.783B AT 18:18 MST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 45 N
LONG 110 18 45 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	285
FEB	---	AUG	286
MAR	47.7	SEP	188
APR	846	OCT	80.3
MAY	609	NOV	---
JUN	330	DEC	---

TOTAL DISCHARGE, 2 890 dam³

RENWICK CREEK NEAR THREE HILLS - STATION NO. 05CE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.138B	0	0	0	0.001	0.001	0	---	---	1
2	---	---	0 B	0.220B	0	0	0	0.002	0.001	0	---	---	2
3	---	---	0 B	0.060B	0	0	0	0.004	0.001	0	---	---	3
4	---	---	0 B	0.047B	0	0	0.001	0.001	0	0	---	---	4
5	---	---	0 B	0.031A	0	0	0.002	0.008	0	0	---	---	5
6	---	---	0 B	0.026	0	0	0.003	0.004	0	0	---	---	6
7	---	---	0 B	0.022	0	0	0.004	0.001	0	0	---	---	7
8	---	---	0 B	0.017	0	0.001	0.001	.001	0	0	---	---	8
9	---	---	0.001B	0.013	0	0.001	0.001	0.001	0	0	---	---	9
10	---	---	0.001B	0.010	0	0.001	0.001	0.001	0	0	---	---	10
11	---	---	0.001B	0.008	0	0.018	0.001	0.001	0	0	---	---	11
12	---	---	0.001B	0.008	0	0.008	0.002	0.001	0	0	---	---	12
13	---	---	0 B	0.007	0	0.003	0.001	0.001	0	0	---	---	13
14	---	---	0 B	0.006A	0	0.004	0.001	0.001	0	0	---	---	14
15	---	---	0 B	0.003E	0	0.006	0	0.001	0	0	---	---	15
16	---	---	0 B	0.002E	0	0.002	0	0.001	0	0	---	---	16
17	---	---	0 B	0.002E	0	0.001	0	0.001	0	0	---	---	17
18	---	---	0 B	0.001E	0	0	0	0.001	0	0	---	---	18
19	---	---	0.001B	0.001E	0	0	0	0.001	0	0	---	---	19
20	---	---	0.001B	0.001A	0	0	0	0.001	0.001	0	---	---	20
21	---	---	0.001B	0.001	0	0	0	0.005	0.001	0	---	---	21
22	---	0B	0.001B	0.001	0	0	0	0.012	0.001	0	---	---	22
23	---	0B	0.001B	0.001	0	0	0	0.025	0.001	0	---	---	23
24	---	0B	0.002B	0.001	0	0	0	0.018	0.001	0	---	---	24
25	---	0B	0.002B	0.001	0	0	0	0.010	0.001	0A	---	---	25
26	---	0B	0.002B	0.001	0	0	0	0.015	0.003	0E	---	---	26
27	---	0B	0.002B	0	0	0	0	0.012	0.002	0E	---	---	27
28	---	0B	0.002B	0	0	0	0	0.008	0.001	0E	---	---	28
29	---	0B	0.002B	0	0	0	0	0.008	0.001	0E	---	---	29
30	---		0.002B	0	0	0	0	0.004	0.001	0E	---	---	30
31	---		0.038B		0		0	0.002		0E		---	31
TOTAL	---	---	0.081	0.828	0	0.048	0.018	0.151	0.018	0	---	---	TOTAL
MEAN	---	---	0.002	0.021	0	0.002	0.001	0.005	0.001	0	---	---	MEAN
MAX	---	---	0.038	0.220	0	0.018	0.004	0.025	0.003	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.220B ON APR 2
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 43 01 N
LONG 113 21 47 W
DRAINAGE AREA, 57.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.86
FEB	---	AUG	13.0
MAR	5.27	SEP	1.86
APR	84.3	OCT	0
MAY	0	NOV	---
JUN	3.87	DEC	---

TOTAL DISCHARGE, 78.7 dam³

RIBSTONE CREEK NEAR CZAR - STATION NO. 05FD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0628	0.014	0.027	0	0	0	0	---	---	1
2	---	---	0 B	0.056	0.012	0.028	0	0	0	0	---	---	2
3	---	---	0 B	0.122	0.008	0.018	0	0	0	0	---	---	3
4	---	---	0 B	0.118	0.004	0.008	0	0	0	0	---	---	4
5	---	---	0 B	0.186	0.001	0	0	0	0	0	---	---	5
6	---	---	0 B	0.158	0.002	0.002	0.004	0	0	0	---	---	6
7	---	---	0.0018	0.158	0.003	0	0	0	0	0	---	---	7
8	---	---	0.0038	0.158	0.003	0.001	0	0	0	0	---	---	8
9	---	---	0.0088	0.151	0.002	0.008	0	0	0	0	---	---	9
10	---	---	0.0128	0.136	0.002	0.001	0	0	0	0	---	---	10
11	---	---	0.0328	0.120	0	0	0	0	0	0	---	---	11
12	---	---	0.1458	0.113	0	0	0	0	0	0	---	---	12
13	---	---	0.1428	0.103	0	0	0	0	0	0	---	---	13
14	---	---	0.1378	0.092	0	0	0	0	0	0	---	---	14
15	---	---	0.1288	0.083	0	0	0	0	0	0	---	---	15
16	---	---	0.1138	0.077	0	0	0	0	0	0	---	---	16
17	---	---	0.1108	0.078	0	0	0	0	0	0	---	---	17
18	---	---	0.1088	0.074	0	0	0	0	0	0	---	---	18
19	---	---	0.1108	0.088	0	0	0	0	0	0	---	---	19
20	---	---	0.1118	0.082	0	0	0	0	0	0	---	---	20
21	---	---	0.1198	0.080	0	0	0	0	0	0	---	---	21
22	---	OB	0.1218	0.056	0	0	0	0	0	0	---	---	22
23	---	OB	0.1188	0.050	0	0	0	0	0	0	---	---	23
24	---	OB	0.1178	0.046	0	0	0	0	0	0	---	---	24
25	---	OB	0.1138	0.043	0	0	0	0	0	0	---	---	25
26	---	OB	0.1078	0.038	0	0	0	0	0	0	---	---	26
27	---	OB	0.1068	0.034	0	0	0	0	0	0	---	---	27
28	---	OB	0.0848	0.028	0	0	0	0	0	0	---	---	28
29	---	OB	0.0628	0.027	0	0	0	0	0	0	---	---	29
30	---		0.0468	0.030	0	0	0	0	0	0	---	---	30
31	---		0.0478		0.025		0	0		0		---	31
TOTAL	---	---	2.198	2.588	0.074	0.101	0.004	0	0	0	---	---	TOTAL
MEAN	---	---	0.071	0.087	0.002	0.003	0	0	0	0	---	---	MEAN
MAX	---	---	0.148	0.158	0.025	0.027	0.004	0	0	0	---	---	MAX
MIN	---	---	0	0.030	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.030
MAXIMUM DAILY, 0.158 ON APR 8
MINIMUM DAILY, OB ON MAR 1
MAXIMUM INSTANTANEOUS,
0.184 AT 14:05 MST ON APR 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 29 17 N
LONG 110 44 15 W
DRAINAGE AREA, 1 830 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.35
FEB	---	AUG	0
MAR	190	SEP	0
APR	224	OCT	0
MAY	6.38	NOV	---
JUN	8.73	DEC	---

TOTAL DISCHARGE, 429 dam³

RIBSTONE CREEK NEAR EDGERTON - STATION NO. 05FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0028	0.100B	0.371	0.183	9.332	0.235	0	0	---	---	1
2	---	---	0.0018	0.108B	0.281	0.288	0.332	0.235	0	0	---	---	2
3	---	---	0.0028	0.110B	0.155	0.332	0.314	0.220	0	0	---	---	3
4	---	---	0.0038	0.077B	0.121	0.250	0.314	0.193	0	0	---	---	4
5	---	---	0.0078	0.045B	0.080	0.132	0.380E	0.160	0	0	---	---	5
6	---	---	0.020B	0.012	0.070	0.121	0.382	0.150	0	0	---	---	6
7	---	---	0.040B	0.012	0.044	0.080	0.573	0.155	0	0	---	---	7
8	---	---	0.070B	0.006	0.028	0.167	0.808	0.208	0	0	---	---	8
9	---	---	0.140B	0.012	0.020	0.220	0.842	0.122	0	0	---	---	9
10	---	---	0.080B	0.012	0.100	0.150	0.481	0.155	0	0	---	---	10
11	---	---	0.080B	0.012	0.100	0.208	0.314	0.143	0	0	---	---	11
12	---	---	0.080B	0.006	0.081	0.235	0.287	0.090	0	0.004	---	---	12
13	---	---	0.140B	0.006	0.052	0.150	0.287	0.121	0	0	---	---	13
14	---	---	0.140B	0.006	0.052	0.167	0.287	0.133	0	0	---	---	14
15	---	---	0.185B	0.005	0.044	0.155	0.300E	0.121	0	0	---	---	15
16	---	---	0.185B	0.002	0.038	0.382	0.310E	0	0	0	---	---	16
17	---	---	0.220B	0.002	0.036	0.287	0.320E	0	0	0.003	---	---	17
18	---	---	0.250B	0.002	0.143E	0.150	0.542	0.012	0	0.010	---	---	18
19	---	---	0.281B	0.002	0.250	0.158E	0.573	0.070	0	0.028	---	---	19
20	---	---	0.140B	0.002	0.287	0.132	0.573	0.150E	0	0.029	---	---	20
21	---	0 B	0.220B	0.002	0.314	0.070	0.513	0.130E	0	0.032	---	---	21
22	---	0 B	0.180B	0.002	0.223E	0.167	0.513	0.121	0	0.022	---	---	22
23	---	0 B	0.130B	0.002	0.132	0.150	0.437	0.121	0	0.034	---	---	23
24	---	0 B	0.100B	0.002	0.132	0.150	0.288	0	0	0.033	---	---	24
25	---	0 B	0.080B	0.002	0.121	0.167	0.288	0	0	0.033	---	---	25
26	---	0.001B	0.025B	0.002	0.110	0.110	0.250	0	0	0.037	---	---	26
27	---	0.002B	0.024B	0.002	0.285	0.110	0.250	0	0.002	0.0248	---	---	27
28	---	0.003B	0.013B	0.513	0.314	0.193	0.250	0	0.014	0.0298	---	---	28
29	---	0.003B	0.018B	0.481	0.285	0.332	0.250	0	0.004	0.0188	---	---	29
30	---		0.020B	0.488	0.220	0.351	0.235	0	0	0.0058	---	---	30
31	---		0.080B		0.193		0.235	0		0.0088		---	31
TOTAL	---	---	3.024	2.010	4.830	5.810	11.532	3.103	0.020	0.364	---	---	TOTAL
MEAN	---	---	0.098	0.067	0.148	0.187	0.372	0.100	0.001	0.011	---	---	MEAN
MAX	---	---	0.281	0.513	0.371	0.382	0.808	0.235	0.014	0.037	---	---	MAX
MIN	---	---	0.001	0.002	0.020	0.070	0.235	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.125
MAXIMUM DAILY, 0.808 ON JUL 8
MINIMUM DAILY, 0 ON AUG 18

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 45 18 N
LONG 110 29 00 W
DRAINAGE AREA, 2 810 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	998
FEB	---	AUG	286
MAR	281	SEP	1.73
APR	174	OCT	39.7
MAY	400	NOV	---
JUN	511	DEC	---

TOTAL DISCHARGE, 2 840 dam³

RIDSTONE CREEK TRIBUTARY NEAR CORONATION - STATION NO. 09FD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.003B	0.028B	0	0	0	0	0	0	---	---	1
2	---	---	0.003B	0.071	0	0	0	0	0	0	---	---	2
3	---	---	0.003B	0.052	0	0	0	0	0	0	---	---	3
4	---	---	0.003B	0.023	0	0	0	0	0	0	---	---	4
5	---	---	0.004B	0.017	0	0	0	0	0	0	---	---	5
6	---	---	0.005B	0.007	0	0	0	0	0	0	---	---	6
7	---	---	0.008B	0.001	0	0	0	0	0	0	---	---	7
8	---	---	0.014B	0.010	0	0	0	0	0	0	---	---	8
9	---	---	0.024B	0	0	0	0	0	0	0	---	---	9
10	---	---	0.034B	0	0	0	0	0	0	0	---	---	10
11	---	---	0.028B	0	0	0	0	0	0	0	---	---	11
12	---	---	0.028B	0.002	0	0	0	0	0	0	---	---	12
13	---	---	0.027B	0.002	0	0	0	0	0	0	---	---	13
14	---	---	0.028B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0.027B	0.002	0	0	0	0	0	0	---	---	15
16	---	---	0.026	0.008	0	0	0	0	0	0	---	---	16
17	---	---	0.018	0.008	0	0	0	0	0	0	---	---	17
18	---	---	0.015	0.008	0	0	0	0	0	0	---	---	18
19	---	---	0.015	0.008	0	0	0	0	0	0	---	---	19
20	---	---	0.022	0.004	0	0	0	0	0	0	---	---	20
21	---	---	0.028	0.003	0	0	0	0.002	0	0	---	---	21
22	---	0 B	0.030	0.002	0	0	0	0.084	0	0	---	---	22
23	---	0 B	0.031	0.002	0	0	0	0.022	0	0	---	---	23
24	---	0 B	0.035	0.001	0	0	0	0.008	0	0	---	---	24
25	---	0 B	0.045	0.001	0	0	0	0.002	0	0	---	---	25
26	---	0.001B	0.035	0	0	0	0	0.001	0	0	---	---	26
27	---	0.003B	0.028B	0	0	0	0	0	0	0	---	---	27
28	---	0.004B	0.038B	0	0	0	0	0	0	0	---	---	28
29	---	0.004B	0.042B	0	0	0	0	0	0	0	---	---	29
30	---		0.044B	0	0	0	0	0	0	0	---	---	30
31	---		0.034B		0		0	0		0A		---	31
TOTAL	---	---	0.728	0.348	0	0	0	0.117	0	0	---	---	TOTAL
MEAN	---	---	0.023	0.008	0	0	0	0.004	0	0	---	---	MEAN
MAX	---	---	0.045	0.071	0	0	0	0.084	0	0	---	---	MAX
MIN	---	---	0.003	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.084 ON AUG 22
MINIMUM DAILY, 0 ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 10 47 N
LONG 111 14 15 W
DRAINAGE AREA, 331 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	10.1
MAR	82.7	SEP	0
APR	31.8	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 94.3 dam³

RICHARDSON RIVER NEAR THE MOUTH - STATION NO. 07DD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	13.0B	13.1B	30.6	20.7	16.6	17.6	17.6	15.9	13.3B	---	1
2	---	---	13.0B	13.0B	30.3	20.6	16.6	17.3	18.5	15.7	---	---	2
3	---	---	13.0B	12.8B	30.4	21.1	16.4	17.2	19.3	15.6	---	---	3
4	---	---	13.1B	12.8B	30.4	21.3	16.1	17.1	20.4	15.3	---	---	4
5	---	---	13.3B	13.0B	29.6	21.2	15.9	16.6	21.3	15.1	---	---	5
6	---	---	13.3B	13.1B	29.2	20.8	16.2	16.2	21.6	15.0	---	---	6
7	---	---	13.4B	13.1B	28.8	20.4	17.7	15.9	21.1	14.8	---	---	7
8	---	---	13.5B	13.3B	28.6	20.0	19.8	15.6	20.1	14.9	---	---	8
9	---	---	13.5B	13.3B	26.1	19.8	21.2	15.3	19.0	14.8	---	---	9
10	---	---	13.5B	13.4B	27.8	19.4	22.5	15.3	18.1	14.7	---	---	10
11	---	---	13.8B	13.9B	27.1	19.4	24.3	15.4	17.3	14.8	---	---	11
12	---	---	13.7B	13.7B	26.6	19.8	26.6	15.3	16.9	14.6	---	---	12
13	---	---	13.8B	13.8B	26.3	20.2	26.2	15.3	16.6	14.5	---	---	13
14	---	---	14.0B	13.8B	26.6	20.7	26.8	15.7	16.3	14.5	---	---	14
15	---	---	14.3B	13.8B	24.9	21.6	30.4	15.6	16.1	14.4	---	---	15
16	---	---	14.1B	13.8B	24.5	22.1	29.4	15.2	16.2	14.5	---	---	16
17	---	---	14.0B	13.8B	23.9	22.3	27.6	15.2	16.3	14.4	---	---	17
18	---	---	14.0B	13.8B	23.4	21.9	25.7	15.0	17.3	14.5	---	---	18
19	---	---	14.1B	13.8B	23.1	21.4	24.8	14.7	18.1	14.5	---	---	19
20	---	---	14.0B	13.8B	22.6	20.8	24.0	14.8	18.3	14.5	---	---	20
21	---	---	14.0B	14.0B	22.2	19.8	23.7	14.8	18.0	14.5	---	---	21
22	---	---	13.8B	14.1B	21.8	18.7	23.8	14.6	17.8	14.8	---	---	22
23	---	---	13.7B	14.3B	21.4	18.0	23.1	14.8	17.5	14.4B	---	---	23
24	---	---	13.8B	14.4B	21.1	17.5	21.8	14.8	17.2	14.3B	---	---	24
25	---	---	13.6B	16.7B	20.8	17.0	20.8	14.8	17.0	14.1B	---	---	25
26	---	---	13.8B	18.0B	20.4	16.7	20.2	14.6	16.8	13.9B	---	---	26
27	---	---	13.4B	26.8	20.0	16.5	19.8	14.8	16.8	13.8B	---	---	27
28	---	---	13.4B	28.0	19.8	16.4	19.8	14.4	16.3	13.7B	---	---	28
29	---	---	13.3B	28.8	19.2	16.3	18.6	14.3	16.2	13.8B	---	---	29
30	---		13.2B	30.6	19.1	16.4	18.0	14.3	16.0	13.5B	---	---	30
31	---		13.1B		20.0		17.7	15.4		13.4B		---	31
TOTAL	---	---	420.8	475.5	787.3	585.4	674.9	476.1	536.7	460.5	---	---	TOTAL
MEAN	---	---	13.6	15.9	24.6	19.6	21.8	15.4	17.9	14.6	---	---	MEAN
MAX	---	---	14.2	30.6	30.6	22.3	30.4	17.6	21.6	15.9	---	---	MAX
MIN	---	---	13.0	12.8	19.1	16.3	15.6	14.3	16.0	13.4	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.0
MAXIMUM DAILY, 30.6 ON APR 30
MINIMUM DAILY, 12.8B ON APR 3
MAXIMUM INSTANTANEOUS,
30.6 AT 23:00 MST ON APR 30

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 21 48 N
LONG 111 14 14 W
DRAINAGE AREA, 2 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	55 300
FEB	---	AUG	41 100
MAR	38 300	SEP	48 300
APR	41 100	OCT	38 900
MAY	88 300	NOV	---
JUN	80 800	DEC	---

TOTAL DISCHARGE, 379 000 dam³

REMARKS - SAME PEAK FLOW OCCURRED ON MAY 01 AT 0000 HOUR

RIVIERE DES ROCHERS ABOVE SLAVE RIVER - STATION NO. 07NA001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	207.745	207.598	---	207.488	207.855	207.988	207.087	208.987	---	208.425	1
2	---	---	207.723	207.622	---	207.523	207.624	207.925	207.114	208.958	---	208.411	2
3	---	---	207.703	207.620	---	207.519	207.505	207.902	207.128	208.879	---	208.338	3
4	---	---	207.648	207.618	---	207.730	207.722	207.821	207.103	208.837	---	208.247	4
5	---	---	207.632	207.571	---	207.898	208.000	207.788	207.083	208.884	---	208.131	5
6	---	---	207.634	207.583	---	207.721	208.832	207.748	207.018	208.884	---	208.024	6
7	---	---	207.638	207.584	---	207.708	208.813	207.638	208.986	208.887	---	207.947	7
8	---	---	207.636	207.580	---	207.833	208.809	207.521	208.848	208.851	---	207.922	8
9	---	---	207.680	207.571	---	207.843	---	207.481	208.880	208.787	---	---	9
10	---	---	207.851	207.582	---	207.308	---	207.426	208.920	208.811	207.310	---	10
11	---	---	207.841	207.810	207.570	207.483	---	207.443	208.883	208.823	207.410	---	11
12	---	---	207.841	207.585	207.598	207.582	208.332	207.485	208.826	208.828	207.441	---	12
13	---	---	207.847	207.585	207.589	207.584	208.552	207.488	208.771	208.818	207.481	---	13
14	---	---	207.827	207.844	207.552	207.818	208.505	207.830	208.783	208.784	207.888	---	14
15	207.852	---	207.840	207.811	207.459	208.001	208.388	207.842	208.842	208.737	207.810	---	15
16	---	---	207.821	207.484	207.287	208.088	208.329	207.523	208.888	208.758	207.852	---	16
17	---	---	207.818	207.487	207.308	208.219	208.315	207.483	208.900	208.718	207.884	---	17
18	---	207.482	207.828	207.488	207.319	208.381	208.387	207.378	208.852	208.738	208.083	---	18
19	---	207.537	207.826	207.832	207.471	208.302	208.548	207.324	207.004	208.841	208.170	---	19
20	---	207.585	207.858	207.573	207.598	208.278	208.897	207.288	208.881	208.828	208.083	---	20
21	---	207.585	207.831	---	207.881	208.282	208.780	207.278	208.862	208.825	207.897	---	21
22	---	207.578	207.823	---	207.888	208.278	208.883	207.285	207.018	207.048	207.838	---	22
23	---	207.587	207.828	---	208.022	208.208	208.488	207.183	207.037	208.880	207.813	---	23
24	---	207.587	207.840	---	208.000	208.105	208.801	207.088	208.972	208.847	207.808	---	24
25	---	207.711	207.820	---	207.838	208.000	208.848	207.122	208.887	208.807	207.814	---	25
26	207.842	207.722	207.807	---	207.845	208.045	208.408	207.128	208.878	208.710	207.882	---	26
27	---	207.732	207.811	---	207.742	207.888	208.278	207.124	208.847	---	208.122	---	27
28	---	207.747	207.588	---	207.871	207.820	208.278	207.084	208.847	---	208.288	---	28
29	---	207.783	207.588	---	207.880	207.884	208.225	207.074	208.900	---	208.370	---	29
30	---		207.547	---	207.815	207.784	208.104	207.082	208.815	---	208.448	---	30
31	---		207.580		207.488		208.018	207.078		---		---	31
MEAN	---	---	207.834	---	---	207.874	---	207.423	208.864	---	---	---	MEAN
MAX	---	---	207.745	---	---	208.351	---	207.888	207.128	---	---	---	MAX
MIN	---	---	207.547	---	---	207.308	---	207.082	208.771	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 59 30 N
LONG 111 24 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS - STATION NO. 07NA007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.291	---	208.038	208.021	208.482	208.471	208.715	---	208.783	208.684	208.295	208.871	1
2	208.280	---	208.071	208.018	208.823	208.574	208.737	209.061	208.788	208.693	208.385	208.581	2
3	208.318	---	208.128	208.034	208.584	208.547	208.735	209.064	208.818	208.648	208.308	208.581	3
4	208.338	---	208.118	208.033	208.408	208.548	208.732	208.935	208.894	208.648	208.278	208.518	4
5	208.342	---	208.088	208.007	208.302	208.588	208.781	209.029	208.900	208.682	208.283	208.484	5
6	208.301	---	208.088	208.012	208.272	208.678	208.184	208.083	208.881	208.725	208.381	208.421	6
7	208.288	---	208.081	208.034	208.300	208.629	208.804	208.018	208.778	208.701	208.342	208.387	7
8	208.287	---	208.081	208.027	208.348	208.631	208.887	208.037	208.821	208.632	208.298	208.380	8
9	208.283	---	208.088	208.018	208.377	208.483	208.838	208.033	208.770	208.886	208.287	208.423	9
10	208.280	---	208.107	208.028	208.388	208.288	208.910	208.089	208.874	208.722	208.298	208.444	10
11	208.281	---	208.083	208.034	208.388	208.838	208.930	208.087	208.882	208.721	208.384	208.440	11
12	208.288	207.088	208.082	208.008	208.440	208.883	209.003	208.026	208.831	208.888	208.383	208.444	12
13	---	207.133	208.083	207.988	208.432	208.828	---	208.044	208.843	208.870	208.382	208.487	13
14	---	207.188	208.088	208.007	208.438	208.884	---	208.038	208.180	208.823	208.387	208.427	14
15	---	207.241	208.083	208.011	208.483	208.888	---	208.082	208.208	208.880	208.413	208.424	15
16	---	207.271	208.032	207.971	208.448	208.883	---	208.037	208.152	208.838	208.442	208.381	16
17	---	207.328	208.018	207.958	208.888	208.831	---	208.028	208.848	208.844	208.480	208.378	17
18	---	207.384	208.032	207.983	208.383	208.828	---	208.011	208.858	208.822	208.481	208.381	18
19	---	207.428	208.052	207.978	208.501	208.484	---	208.001	208.704	208.733	208.533	208.328	19
20	208.188	207.490	208.038	207.987	208.418	208.817	---	208.881	208.838	208.714	208.500	208.323	20
21	208.158	207.557	208.021	208.034	208.410	208.745	---	208.882	208.837	208.787	208.478	208.332	21
22	208.200	207.578	208.020	208.101	208.533	208.784	---	208.841	208.842	208.778	208.480	208.341	22
23	208.200	207.635	208.048	208.178	208.582	208.788	---	208.785	208.810	208.880	208.484	208.323	23
24	208.188	207.730	208.058	208.242	208.380	208.874	---	208.784	208.830	208.837	208.418	208.328	24
25	208.207	207.787	208.081	208.248	208.478	208.883	---	208.844	208.884	208.831	208.410	208.340	25
26	208.188	207.851	208.080	208.285	208.483	208.785	---	208.854	208.738	208.801	208.413	208.328	26
27	208.187	207.900	208.048	208.327	208.518	208.783	---	208.870	208.727	208.280	208.488	208.307	27
28	208.180	207.940	208.028	208.404	208.831	208.777	---	208.838	208.738	208.184	208.514	208.328	28
29	208.181	208.027	208.018	208.478	208.813	208.805	---	208.854	208.787	208.231	208.882	208.387	29
30	---		208.013	208.533	208.831	208.791	---	208.778	208.823	208.308	208.810	208.380	30
31	---		208.017		208.488		---	208.778		208.280		208.328	31
MEAN	---	---	208.057	208.088	208.484	208.628	---	---	208.783	208.533	208.407	208.388	MEAN
MAX	---	---	208.128	208.533	208.813	208.805	---	---	208.208	208.778	208.810	208.581	MAX
MIN	---	---	208.013	207.958	208.272	208.288	---	---	208.831	208.184	208.278	208.307	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 54 55 N
LONG 111 10 30 W

REGULATED SINCE 1987

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS - STATION NO. 07NA005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.043	207.810	207.721	207.651	208.478	207.445	207.712	208.028	207.187	207.014	208.875	208.405	1
2	208.094	207.815	207.898	207.580	208.472	207.801	207.706	207.871	207.183	207.018	208.775	208.385	2
3	208.118	207.883	207.877	207.810	208.548	207.818	207.898	207.981	207.209	208.820	208.740	208.308	3
4	208.127	207.854	207.823	207.595	208.339	207.717	207.728	207.874	207.188	208.885	208.780	208.228	4
5	208.122	207.808	207.807	207.559	208.040	207.883	207.918	207.853	207.143	208.818	208.899	208.118	5
6	208.038	207.781	207.830	207.585	207.833	207.725	208.388	207.831	207.100	208.938	207.089	208.023	6
7	207.883	207.888	207.833	207.580	207.668	207.711	208.311	207.718	207.080	208.845	207.188	207.843	7
8	207.840	207.834	207.827	207.585	207.600	207.643	208.308	207.802	206.908	208.881	207.098	207.821	8
9	207.878	207.878	207.837	207.554	207.600	207.578	208.287	207.824	206.822	208.842	207.158	207.884	9
10	207.843	207.840	207.835	207.587	207.802	207.319	208.240	207.818	207.008	208.883	207.357	208.087	10
11	207.842	207.801	207.821	207.578	207.595	207.499	208.288	207.554	208.887	208.898	207.482	208.109	11
12	207.851	207.451	207.840	207.556	207.818	207.814	208.404	207.545	208.823	208.898	207.488	208.128	12
13	207.830	207.414	207.838	207.535	207.832	207.893	208.589	207.589	206.859	208.889	207.518	208.132	13
14	207.812	207.408	207.830	207.630	207.825	207.817	208.540	207.815	206.884	208.854	207.885	208.087	14
15	207.811	207.428	207.823	207.499	207.838	207.986	208.401	207.838	206.983	208.804	207.828	208.052	15
16	207.785	207.418	207.807	207.481	207.345	208.071	208.389	207.803	206.977	208.844	207.872	207.890	16
17	207.774	207.438	207.810	207.457	207.372	208.201	208.342	207.557	206.977	208.785	207.873	207.885	17
18	207.740	207.447	207.825	207.481	207.348	208.312	208.428	207.477	207.032	208.812	208.058	207.892	18
19	207.748	207.474	207.824	207.508	207.483	208.288	208.580	207.420	207.081	208.837	208.117	207.841	19
20	207.782	207.498	207.821	207.543	207.807	208.278	208.710	207.380	207.038	207.007	208.087	207.820	20
21	207.780	207.835	207.821	207.645	207.888	208.308	208.772	207.374	207.026	207.022	208.019	207.829	21
22	207.785	207.885	207.699	207.788	207.883	208.284	208.835	207.385	207.082	207.128	207.956	207.880	22
23	207.775	207.802	207.824	207.885	208.009	208.197	208.803	207.228	207.081	208.880	207.982	207.840	23
24	207.774	207.883	207.811	207.887	207.888	208.117	208.832	207.172	207.007	208.815	207.934	207.828	24
25	207.781	207.895	207.898	208.070	207.870	208.038	208.580	207.182	207.028	208.889	207.938	207.839	25
26	207.800	207.725	207.804	208.130	207.831	208.074	208.417	207.188	207.048	208.783	208.023	207.825	26
27	207.771	207.723	207.884	208.185	207.772	208.042	208.298	207.188	207.018	208.484	208.149	207.822	27
28	207.781	207.718	207.882	208.258	207.744	207.877	208.298	207.188	207.018	208.458	208.272	207.823	28
29	207.812	207.732	207.842	208.388	207.705	207.818	208.259	207.173	206.843	208.498	208.324	207.818	29
30	207.848		207.828	208.484	207.833	207.848	208.138	207.145	206.878	208.558	208.428	207.787	30
31	207.878		207.884		207.484		208.088	207.178		208.593		207.744	31
MEAN	207.887	207.820	207.818	207.721	207.772	207.883	208.308	207.805	207.028	208.848	207.828	207.880	MEAN
MAX	208.127	207.915	207.721	208.484	208.548	208.312	208.772	208.028	207.208	207.128	208.428	208.408	MAX
MIN	207.740	207.408	207.828	207.457	207.345	207.318	207.898	207.145	206.858	208.458	208.878	207.744	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 207.848
MAXIMUM DAILY, 208.772 ON JUL 21
MINIMUM DAILY, 206.458 ON OCT 28
MAXIMUM INSTANTANEOUS,
208.780 AT 19:23 MST ON JUL 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 55 35 N
LONG 111 12 15 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ROBERT CREEK NEAR ANZAC - STATION NO. 07CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.0308	0.481	0.208	0.408	0.592	0.328	0.048	0.0448	---	1
2	---	---	0.0098	0.0408	0.405	0.220	0.383	0.508	0.242	0.038	0.0448	---	2
3	---	---	0.0088	0.0608	0.307	0.230	0.414	0.444	0.194	0.044	0.0438	---	3
4	---	---	0.0098	0.0308	0.217	0.221	0.388	0.384	0.158	0.048	0.0438	---	4
5	---	---	0.0108	0.0248	0.185	0.220	0.388	0.384	0.138	0.050	0.0438	---	5
6	---	---	0.0088	0.0238	0.182	0.338	0.701	0.314	0.114	0.048	---	---	6
7	---	---	0.0088	0.0228	0.200	0.340	1.43	0.274	0.114	0.048	---	---	7
8	---	---	0.0088	0.0218	0.204	0.321	1.71	0.281	0.108	0.048	---	---	8
9	---	---	0.0108	0.0208	0.205	0.308	1.88	0.227	0.088	0.047	---	---	9
10	---	---	0.0098	0.0848	0.182	0.278	1.28	0.210	0.078	0.048	---	---	10
11	---	---	0.0118	0.1488	0.177	0.277	0.873	0.204	0.070	0.041	---	---	11
12	---	---	0.0138	0.1878	0.171	0.393	0.812	0.228	0.088	0.041	---	---	12
13	---	---	0.0158	0.1388	0.180E	0.428	0.887	0.238	0.087	0.048	---	---	13
14	---	---	0.0188	0.1738	0.183E	0.407	2.11	0.213	0.083	0.048	---	---	14
15	---	---	0.0188	0.2478	0.148E	0.352	2.04	0.188	0.082	0.047	---	---	15
16	---	---	0.0188	0.3088	0.142E	0.304	1.78	0.188	0.088	0.049	---	---	16
17	---	---	0.0178	0.2788	0.138E	0.267	1.88	0.182	0.088	0.051	---	---	17
18	---	---	0.0178	0.2738	0.131E	0.250	1.88	0.142	0.082	0.050	---	---	18
19	---	---	0.0188	0.3488	0.128E	0.231	1.48	0.141	0.080	0.0518	---	---	19
20	---	---	0.0198	0.3588	0.126E	0.218	1.38	0.182	0.080	0.0508	---	---	20
21	---	---	0.0188	0.3488	0.128E	0.188	1.32	0.191	0.048	0.0508	---	---	21
22	---	---	0.0188	0.3808	0.122E	0.178	1.25	0.288	0.050	0.0508	---	---	22
23	---	---	0.0208	0.2878	0.121E	0.188	1.28	0.248	0.053	0.0488	---	---	23
24	---	---	0.0208	0.244	0.120E	0.188	1.21	0.188	0.052	0.0488	---	---	24
25	---	---	0.0198	0.207	0.118E	0.208	1.08	0.188	0.052	0.0448	---	---	25
26	---	---	0.0208	0.200	0.118E	0.280	1.02	0.148	0.048	0.0428	---	---	26
27	---	---	0.0208	0.238	0.118E	0.270	0.934	0.138	0.048	0.0408	---	---	27
28	---	---	0.0188	0.338	0.118E	0.283	0.848	0.123	0.050	0.0418	---	---	28
29	---	---	0.0188	0.433	0.120E	0.388	0.770	0.113	0.053	0.0418	---	---	29
30	---		0.0198	0.492	0.141	0.444	0.692	0.105	0.058	0.0418	---	---	30
31	---		0.0228		0.182		0.858	0.208		0.0438		---	31
TOTAL	---	---	0.483	5.878	5.487	8.407	34.838	7.308	2.883	1.421	---	---	TOTAL
MEAN	---	---	0.015	0.188	0.177	0.280	1.11	0.238	0.088	0.048	---	---	MEAN
MAX	---	---	0.022	0.492	0.481	0.444	2.11	0.592	0.328	0.051	---	---	MAX
MIN	---	---	0.008	0.020	0.118	0.188	0.388	0.105	0.048	0.038	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.270
MAXIMUM DAILY, 2.11 ON JUL 14
MINIMUM DAILY, 0.0088 ON MAR 3
MAXIMUM INSTANTANEOUS,
2.28 AT 14:01 MST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 01 N
LONG 111 01 42 W
DRAINAGE AREA, 54.1 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 880
FEB	---	AUG	831
MAR	40.0	SEP	230
APR	508	OCT	123
MAY	474	NOV	---
JUN	726	DEC	---

TOTAL DISCHARGE, 5 710 dam³

ROLPH CREEK NEAR KIMBALL - STATION NO. 05AE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.004B	0.188	0.108	0.055	0.021	0	0.037	0.007E	0.034	---	1
2	---	---	0.004B	0.185	0.097	0.050	0.023	0	0.017A	0.007E	0.030A	---	2
3	---	---	0.006B	0.183	0.088	0.046	0.024	0	0.017E	0.007E	---	---	3
4	---	---	0.006B	0.181	0.088	0.038	0.027	0	0.017E	0.007E	---	---	4
5	---	---	0.006B	0.127	0.104	0.031	0.047	0	0.007E	0.007E	---	---	5
6	---	---	0.008B	0.080	0.117	0.024	0.043	0	0 E	0.007A	---	---	6
7	---	---	0.007B	0.088	0.132	0.020	0.041	0	0 E	0.007	---	---	7
8	---	---	0.004B	0.080	0.138	0.018	0.037	0	0 E	0.006	---	---	8
9	---	---	0.006B	0.083	0.157	0.015	0.037	0	0 E	0.005	---	---	9
10	---	---	0.015B	0.091	0.161	0.012	0.033	0	0 E	0.002	---	---	10
11	---	---	0.018B	0.121	0.143	0.010	0.031	0	0 E	0	---	---	11
12	---	---	0.020B	0.117	0.122	0.010	0.028	0	0 E	0	---	---	12
13	---	---	0.019B	0.116	0.104	0.008	0.017	0	0 E	0	---	---	13
14	---	---	0.020B	0.116	0.083	0.008	0.007	0	0 E	0	---	---	14
15	---	---	0.042B	0.110	0.072	0.001	0.001	0	0 E	0.002	---	---	15
16	---	---	0.041B	0.108	0.087	0	0	0	0.003E	0.007	---	---	16
17	---	---	0.051B	0.104	0.087	0	0	0	0.007E	0.010	---	---	17
18	---	---	0.040B	0.108	0.085	0	0	0	0.007E	0.011	---	---	18
19	---	---	0.051B	0.113	0.083	0	0	0	0.007E	0.014	---	---	19
20	---	---	0.058B	0.110	0.086	0	0	0	0.007E	0.011	---	---	20
21	---	---	0.058B	0.118	0.070	0	0	0.015	0.007E	0.011	---	---	21
22	---	---	0.088B	0.124	0.072	0	0	0.051	0.007E	0.010	---	---	22
23	---	---	0.113B	0.123	0.070	0	0	0.049	0.007E	0.008	---	---	23
24	---	---	0.127B	0.118	0.072	0	0	0.031	0.007E	0.008	---	---	24
25	---	0.001B	0.130B	0.121	0.072	0	0	0.053	0.007E	0.010	---	---	25
26	---	0.005B	0.152B	0.120	0.085	0	0	0.058	0.007E	0.014	---	---	26
27	---	0.007B	0.152B	0.126	0.085	0	0	0.061	0.007E	0.021	---	---	27
28	---	0.008B	0.084B	0.127	0.088	0	0	0.058	0.007E	0.021	---	---	28
29	---	0.006B	0.088B	0.136	0.087	0	0	0.054	0.007E	0.021	---	---	29
30	---		0.185B	0.125	0.061	0.022	0	0.048	0.007E	0.026	---	---	30
31	---		0.174B		0.059		0	0.044		0.033		---	31
TOTAL	---	---	1.774	3.583	2.814	0.385	0.417	0.520	0.195	0.300	---	---	TOTAL
MEAN	---	---	0.057	0.119	0.091	0.012	0.013	0.017	0.007	0.010	---	---	MEAN
MAX	---	---	0.185	0.185	0.161	0.055	0.047	0.061	0.037	0.033	---	---	MAX
MIN	---	---	0.004	0.080	0.059	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.041
MAXIMUM DAILY, 0.188B ON MAR 30
MINIMUM DAILY, 0 ON JUN 16
MAXIMUM INSTANTANEOUS,
0.256B AT 02:24 MST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 30 N
LONG 113 02 30 W
DRAINAGE AREA, 221 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	36.0
FEB	---	AUG	44.9
MAR	153	SEP	16.8
APR	305	OCT	25.9
MAY	243	NOV	---
JUN	31.5	DEC	---

TOTAL DISCHARGE, 859 dam³

ROMEO CREEK ABOVE ROMEO LAKE - STATION NO. 07BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.008	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.008	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.007	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.004	0	0.121	0	0	0	---	---	6
7	---	---	0B	0 B	0.003	0	1.47	0	0	0	---	---	7
8	---	---	0B	0 B	0.002	0	2.32	0	0	0	---	---	8
9	---	---	0B	0 B	0.002	0	0.998	0	0	0	---	---	9
10	---	---	0B	0.041	0.002	0	0.273	0	0	0	---	---	10
11	---	---	0B	0.032	0.001	0.321	0.078	0	0	0	---	---	11
12	---	---	0B	0.018	0.001	0.348	0.043	0	0	0	---	---	12
13	---	---	0B	0.003	0.001	0.373	0.188	0	0	0	---	---	13
14	---	---	0B	0	0.001	0.255	0.338	0	0	0	---	---	14
15	---	---	0B	0	0.001	0.129	0.242	0	0	0	---	---	15
16	---	---	0B	0	0.001	0.078	0.138	0	0	0	---	---	16
17	---	---	0B	0	0	0.042	0.078	0	0	0	---	---	17
18	---	---	0B	0	0	0.020	0.053	0	0	0	---	---	18
19	---	---	0B	0	0	0.014	0.042	0	0	0	---	---	19
20	---	---	0B	0.002	0	0.011	0.028	0	0	0	---	---	20
21	---	---	0B	0.005	0	0.010	0.017	0	0	0	---	---	21
22	---	---	0B	0.005	0	0.008	0.011	0	0	0	---	---	22
23	---	---	0B	0.004	0	0.008	0.008	0	0	0	---	---	23
24	---	---	0B	0.004	0	0.004	0.015	0	0	0	---	---	24
25	---	---	0B	0.005	0	0.008	0.007	0	0	0	---	---	25
26	---	---	0B	0.005	0	0.005	0.005	0	0	0A	---	---	26
27	---	---	0B	0.005	0	0.010	0.004	0	0	0E	---	---	27
28	---	---	0B	0.007	0	0.007	0.005	0	0	0E	---	---	28
29	---	---	0B	0.005	0	0.003	0.004	0	0	0E	---	---	29
30	---		0B	0.002	0	0	0.003	0	0	0E	---	---	30
31	---		0B		0		0.002	0		0E		---	31
TOTAL	---	---	0	0.140	0.043	1.648	6.483	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.005	0.001	0.055	0.209	0	0	0	---	---	MEAN
MAX	---	---	0	0.041	0.007	0.373	2.32	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.034
MAXIMUM DAILY, 2.32 ON JUL 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.66 AT 05:04 MST ON JUL 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 20 N
LONG 114 04 05 W
DRAINAGE AREA, 115 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	580
FEB	---	AUG	0
MAR	0	SEP	0
APR	12.1	OCT	0
MAY	3.72	NOV	---
JUN	142	DEC	---

TOTAL DISCHARGE, 718 dam³

RONALANE WASTEWAY NEAR HAYS - STATION NO. 05BN007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.119	0.081	0.857	0.632	0.397	---	---	1
2	---	---	---	---	0.469	0.015	0.648	0.708	0.825	0.448	---	---	2
3	---	---	---	---	0.831	0.107	0.878	1.14	0.808	0.500	---	---	3
4	---	---	---	---	0.283	1.17	1.04	0.837	0.807	0.276	---	---	4
5	---	---	---	---	0.283	0.935	0.504	0.598	0.498	0.081	---	---	5
6	---	---	---	---	0.341	0.711	0.488	0.588	0.485	0.081	---	---	6
7	---	---	---	---	0.583	0.709	0.705	0.585	0.322	0.178	---	---	7
8	---	---	---	---	0.893	0.881	0.850	0.593	0.302	0.495	---	---	8
9	---	---	---	---	0.710	1.26	0.680	0.385	0.352	0.298	---	---	9
10	---	---	---	---	0.492	0.894	0.852	0.802	0.226	0.140	---	---	10
11	---	---	---	---	0.481	0.901	0.780	0.802	0.301	0.149	---	---	11
12	---	---	---	---	0.287	1.14	0.312	0.830	0.378	0.418	---	---	12
13	---	---	---	---	0.482	1.33	0.418	0.435	0.320	0.304	---	---	13
14	---	---	---	---	0.831	1.01	0.539	0.327	0.420	0.183	---	---	14
15	---	---	---	---	0.889	0.838	0.517	0.484	0.493	0.148	---	---	15
16	---	---	---	---	0.528	0.840	0.575	0.592	0.534	0.142	---	---	16
17	---	---	---	---	0.514	0.493	0.525	0.585	0.530	0.112	---	---	17
18	---	---	---	---	0.517	0.376	0.567	0.384	0.555	0.082	---	---	18
19	---	---	---	---	0.340	0.448	0.418	0.422	0.553	0.081	---	---	19
20	---	---	---	---	0.188	0.871	0.503	0.283	0.821	0.019	---	---	20
21	---	---	---	---	0.039	0.304	0.334	0.411	0.918	0.015	---	---	21
22	---	---	---	---	0.077	0.887	0.238	0.588	0.870	0.020	---	---	22
23	---	---	---	---	0.288	0.323	0.278	0.307	0.841	0.012	---	---	23
24	---	---	---	---	0.718	0.588	0.328	0.437	0.811	0.011	---	---	24
25	---	---	---	0A	0.477	0.477	0.518	0.488	0.444	0.017	---	---	25
26	---	---	---	0	0.248	0.838	0.803	0.437	0.880	0.028	---	---	26
27	---	---	---	0	0.087	0.833	0.188	0.211	0.848	0.028	---	---	27
28	---	---	---	0	0.403	0.892	0.492	0.121	0.808	0.022	---	---	28
29	---	---	---	0	0.284	0.882	0.938	0.231	0.842	0.024	---	---	29
30	---		---	0	0.408	0.833	0.888	0.283	0.381	0.017	---	---	30
31	---		---		0.238		0.708	0.888		0.014A		---	31
TOTAL	---	---	---	---	12.285	20.078	17.087	15.870	15.462	4.718	---	---	TOTAL
MEAN	---	---	---	---	0.396	0.889	0.551	0.512	0.515	0.152	---	---	MEAN
MAX	---	---	---	---	0.718	1.33	1.04	1.14	0.818	0.500	---	---	MAX
MIN	---	---	---	---	0	0.015	0.081	0.121	0.226	0.011	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.485
MAXIMUM DAILY, 1.33 ON JUN 13
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 40 N
LONG 111 35 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 470
FEB	---	AUG	1 370
MAR	---	SEP	1 340
APR	---	OCT	498
MAY	1 080	NOV	---
JUN	1 720	DEC	---

TOTAL DISCHARGE, 7 380 dam³

ROSE CREEK NEAR ALDER FLATS - STATION NO. 05BE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1078	0.8808	0.888	0.884	0.384	0.888	0.833	0.788	---	---	1
2	---	---	0.1078	0.8508	0.488	0.863	0.287	0.881	0.588	0.583	---	---	2
3	---	---	0.0988	1.02 B	0.433	0.724	0.328	0.868	0.519	0.483	---	---	3
4	---	---	0.0728	1.06 B	0.385	0.481	0.854	0.831	0.514	0.443	---	---	4
5	---	---	0.0848	1.07 B	0.530	0.385	0.819	0.528	0.494	0.881	---	---	5
6	---	---	0.1058	1.08 B	0.835	0.280	5.40	1.10	0.827	0.800	---	---	6
7	---	---	0.1188	1.08 B	0.800	1.07	8.17	1.28	0.588	0.728	---	---	7
8	---	---	0.1858	0.9808	0.587	1.24	4.47	1.47	0.538	0.768	---	---	8
9	---	---	0.3888	0.8808	0.732	3.88	2.67	1.87	0.882	0.878	---	---	9
10	---	---	0.2978	0.7908	0.848	3.82	2.08	1.78	0.717	0.883	---	---	10
11	---	---	0.2188	0.7008	0.637	2.38	1.83	1.78	1.22	0.834	---	---	11
12	---	---	0.1858	0.6308	0.588	2.23	1.82	1.45	1.28	0.482	---	---	12
13	---	---	0.1638	0.5178	0.380	1.77	1.78	1.40	1.28	0.415	---	---	13
14	---	---	0.1818	0.3858	0.528	1.34	2.14	1.28	1.14	0.488	---	---	14
15	---	---	0.1618	0.4688	0.471	0.905	2.88	1.28	0.898	0.483	---	---	15
16	---	---	0.1498	0.4888	0.384	0.887	2.55	2.87	1.07	0.808	---	---	16
17	---	---	0.1678	0.4888	0.423	0.407	1.81	3.84	1.23	0.842	---	---	17
18	---	---	0.1378	0.385	0.430	0.270	1.30	4.27	1.77	0.840	---	---	18
19	---	---	0.3778	0.414	0.524	0.202	1.09	3.88	1.88	0.818	---	---	19
20	---	---	1.00 A	0.511	0.342	0.148	0.898	2.89	1.84	0.805	---	---	20
21	---	---	1.10 B	1.14	0.248	0.084	0.888	2.29	1.52	0.813	---	---	21
22	---	---	1.15 B	0.824	0.223	0.078	0.482	1.81	1.48	0.488	---	---	22
23	---	---	1.19 B	0.618	0.201	0.143	0.382	1.48	1.30	0.481	---	---	23
24	---	---	1.19 B	0.532	0.129	0.159	0.335	1.08	1.13	0.508	---	---	24
25	---	---	1.17 B	0.518	0.135	0.188	0.479	0.708	1.19	0.429	---	---	25
26	---	---	1.12 B	0.538	0.082	0.182	0.582	0.618	1.41	0.4488	---	---	26
27	---	---	0.9888	0.548	0.062	0.252	0.788	0.537	1.48	0.4218	---	---	27
28	---	---	0.8308	0.528	0.081	0.272	0.602	0.524	1.32	0.3778	---	---	28
29	---	---	0.5008	0.528	0.074	0.328	0.835	0.508	1.15	0.3148	---	---	29
30	---		0.5008	0.580	0.232	0.388	0.888	0.888	0.948	0.3238	---	---	30
31	---		0.5808		0.554		0.940	0.815		0.2808		---	31
TOTAL	---	---	14.383	20.778	11.982	26.116	50.450	46.811	31.781	18.000	---	---	TOTAL
MEAN	---	---	0.464	0.893	0.387	0.871	1.63	1.51	1.08	0.518	---	---	MEAN
MAX	---	---	1.19	1.14	0.732	3.88	8.17	4.27	1.77	0.788	---	---	MAX
MIN	---	---	0.072	0.385	0.081	0.078	0.287	0.508	0.494	0.280	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.881
MAXIMUM DAILY, 8.17 ON JUL 7
MINIMUM DAILY, 0.081 ON MAY 28
MAXIMUM INSTANTANEOUS,
10.4 AT 01:21 MST ON JUL 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 48 N
LONG 115 00 35 W
DRAINAGE AREA, 851 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 380
FEB	---	AUG	4 040
MAR	1 240	SEP	2 740
APR	1 780	OCT	1 380
MAY	1 040	NOV	---
JUN	2 280	DEC	---

TOTAL DISCHARGE, 18 900 dam³

ROSEBUD RIVER AT REDLAND - STATION NO. 05CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0048	0.487E	0.250	2.06	3.35	2.18	3.11	3.88	---	---	1
2	---	---	0.0248	1.25 E	0.219	1.84	4.20	4.34	3.00	3.84	---	---	2
3	---	---	0.0138	1.72 E	0.208	1.78	4.39	6.35	2.86	3.81	---	---	3
4	---	---	0.0158	1.17 E	0.490	1.88	4.18	7.11	2.85	3.32	---	---	4
5	---	---	0.0188	1.24 E	0.871	1.44	3.90	7.14	2.84	2.78	---	---	5
6	---	---	0.0088	1.17 E	0.458	1.84	3.77	6.48	2.48	2.38	---	---	6
7	---	---	0.0378	1.74 E	0.389	1.73	5.00	5.88	2.28	2.05	---	---	7
8	---	---	0.0648	1.80 E	0.581	2.23	5.13	4.88	2.28	1.77	---	---	8
9	---	---	0.0678	1.84 E	1.20	3.41	4.84	4.74	2.14	1.67	---	---	9
10	---	---	0.0988	2.08 E	1.44	6.28	3.88	4.73	2.11	1.78	---	---	10
11	---	---	0.2688	1.81 E	1.03	8.90	3.48	4.73	2.15	1.72	---	---	11
12	---	---	0.2438	1.84	0.818	8.04	3.17	5.32	2.29	1.58	---	---	12
13	---	---	0.2288	1.26	0.535	6.52	2.83	5.71	2.36	1.46	---	---	13
14	---	---	0.1818	1.09	0.704	5.36	2.47	5.89	2.42	1.38	---	---	14
15	---	---	0.1738	1.03	1.33	5.43	1.83	5.24	2.38	1.25	---	---	15
16	---	0.0018	0.1818	0.838	2.08	6.03	1.62	4.13	2.84	1.17	---	---	16
17	---	0.0018	0.1878	0.877	2.27	4.28	1.12	3.31	2.84	1.10	---	---	17
18	---	0.0018	0.2008	0.784	2.23	3.32	1.01	3.28	2.81	1.04	---	---	18
19	---	0.0018	0.1408	0.745	2.04	2.78	0.880	3.88	2.80	0.842	---	---	19
20	---	0.0018	0.2628	0.880	1.78	2.80	0.888	8.14	2.88	0.878	---	---	20
21	---	0.0018	0.3088	0.878	1.88	2.31	1.10	15.8	3.09	0.802	---	---	21
22	---	0.0018	0.3318	0.838	1.43	1.82	0.823	7.78	3.18	0.747	---	---	22
23	---	0.0018	0.2888	0.484	1.38	1.83	0.727	8.07	3.08	0.883	---	---	23
24	---	0.0018	0.2388	0.448	1.37	2.11	0.737	7.80	3.21	0.888	---	---	24
25	---	0.0018	0.1808	0.413	1.33	2.18	0.843	8.82	3.48	0.888	---	---	25
26	---	0.0018	0.0908	0.378	1.80	2.17	1.30	4.85	3.88	0.885	---	---	26
27	---	0.0018	0.4758	0.387	1.88	2.11	1.88	3.89	3.88	0.8388	---	---	27
28	---	0.0018	0.1388	0.302	1.77	1.81	1.18	3.88	4.07	0.8888	---	---	28
29	---	0.0018	0.0988	0.278	1.82	1.88	1.02	3.88	4.13	0.8008	---	---	29
30	---		0.1088	0.278	1.48	2.41	1.10	3.48	4.08	0.8058	---	---	30
31	---		0.1828		1.77		1.38	3.32		0.4888		---	31
TOTAL	---	---	4.630	28.251	37.485	91.80	73.778	187.88	88.38	48.248	---	---	TOTAL
MEAN	---	---	0.159	0.875	1.21	3.08	2.38	6.42	2.88	1.48	---	---	MEAN
MAX	---	---	0.475	2.08	2.27	8.90	5.13	15.8	4.13	3.88	---	---	MAX
MIN	---	---	0.004	0.278	0.208	1.44	0.727	3.18	2.11	0.488	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.19
MAXIMUM DAILY, 15.8 ON AUG 21
MINIMUM DAILY, 0.0048 ON MAR 1
MAXIMUM INSTANTANEOUS,
28.7 AT 03:35 MST ON AUG 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 36 N
LONG 113 00 38 W
DRAINAGE AREA, 3 880 km²

E - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 370
FEB	---	AUG	14 500
MAR	428	SEP	7 480
APR	2 530	OCT	4 000
MAY	3 240	NOV	---
JUN	7 930	DEC	---

TOTAL DISCHARGE, 48 500 dam³

ROSEBUD RIVER BELOW CARSTAIRS CREEK - STATION NO. 05CE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.010	0	0	0.001	0.005	0.003	---	---	1
2	---	---	0B	0 B	0.001	0	0	0.014	0.002	0.003	---	---	2
3	---	---	0B	0.1788	0	0	0	0.013	0	0.003	---	---	3
4	---	---	0B	0.2808	0	0	0	0.010	0	0.003	---	---	4
5	---	---	0B	0.3628	0	0	0	0.008	0	0.005	---	---	5
6	---	---	0B	0.4808	0	0	0.001	0.004	0	0.008	---	---	6
7	---	---	0B	0.4818	0	0	0.004	0.004	0	0.008	---	---	7
8	---	---	0B	0.3128	0	0.001	0.008	0.004	0	0.008	---	---	8
9	---	---	0B	0.2488	0	0.008	0.008	0.003	0	0.028	---	---	9
10	---	---	0B	0.2608	0	0.118	0.003	0.001	0	0.018	---	---	10
11	---	---	0B	0.235	0	0.130	0.001	0.004	0	0.005	---	---	11
12	---	---	0B	0.177	0	0.077	0	0.004	0	0.004	---	---	12
13	---	---	0B	0.181	0	0.038	0	0.001	0.028	0.008	---	---	13
14	---	---	0B	0.158	0	0.058	0	0	0.008	0.004	---	---	14
15	---	---	0B	0.138	0	0.035	0	0	0.004	0.003	---	---	15
16	---	---	0B	0.122	0	0.017	0	0	0.002	0.003	---	---	16
17	---	---	0B	0.108	0	0.007	0	0	0.001	0.002	---	---	17
18	---	---	0B	0.096	0	0.001	0	0	0.001	0.002	---	---	18
19	---	---	0B	0.083	0	0	0	0	0.001	0.001	---	---	19
20	---	---	0B	0.084	0	0	0.043	0.002	0.002	0.001	---	---	20
21	---	---	0B	0.080	0	0	0.072	0.012	0.002	0.001	---	---	21
22	---	0B	0B	0.088	0	0	0.085	0.018	0.002	0.001	---	---	22
23	---	0B	0B	0.083	0	0	0.048	0.019	0.002	0.001	---	---	23
24	---	0B	0B	0.084	0	0	0.032	0.022	0.003	0.001	---	---	24
25	---	0B	0B	0.048	0	0	0.021	0.082	0.003	0.001	---	---	25
26	---	0B	0B	0.048	0	0	0.013	0.058	0.004	0.001E	---	---	26
27	---	0B	0B	0.038	0	0	0.004	0.038	0.004	0.001E	---	---	27
28	---	0B	0B	0.027	0	0	0.003	0.058	0.004	0.001E	---	---	28
29	---	0B	0B	0.018	0	0	0.002	0.042	0.004	0.001E	---	---	29
30	---		0B	0.017	0	0	0.002	0.024	0.004	0.001E	---	---	30
31	---		0B		0		0.001	0.008		0.001E		---	31
TOTAL	---	---	0	4.614	0.011	0.588	0.328	0.430	0.088	0.124	---	---	TOTAL
MEAN	---	---	0	0.147	0	0.020	0.011	0.014	0.003	0.004	---	---	MEAN
MAX	---	---	0	0.481	0.010	0.130	0.072	0.082	0.028	0.028	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.024
MAXIMUM DAILY, 0.481B ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.788 AT 20:06 MST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 00 N
LONG 113 43 35 W
DRAINAGE AREA, 763 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.2
FEB	---	AUG	37.2
MAR	0	SEP	7.43
APR	381	OCT	10.7
MAY	0.85	NOV	---
JUN	50.8	DEC	---

TOTAL DISCHARGE, 516 dam³

ROSS CREEK AT MEDICINE HAT - STATION NO. 05AH049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.903	0.430	0.213	0.086	0.238	0.493	0.151	---	1
2	---	---	---	---	0.811	0.214	0.248	0.183	0.148	0.420	0.140	---	2
3	---	---	---	---	0.841	0.113	0.248	0.331	0.088	0.405	0.147A	---	3
4	---	---	---	---	0.582	0.157	0.216	0.387	0.073	0.475	---	---	4
5	---	---	---	---	0.377	0.373	0.201A	0.278	0.077	0.884	---	---	5
6	---	---	---	---	0.319	0.454	0.182A	0.135	0.218	0.882	---	---	6
7	---	---	---	---	0.331	1.41	0.325A	0.080	0.281	0.758	---	---	7
8	---	---	---	---	0.232	1.18	0.359	0.061	0.157	0.405	---	---	8
9	---	---	---	---	0.254	1.23	0.191A	0.272	0.116	0.845	---	---	9
10	---	---	---	---	0.186	1.20	0.177A	0.167	0.143	0.731	---	---	10
11	---	---	---	---	0.261	0.685	0.176A	0.103	0.339	0.722	---	---	11
12	---	---	---	---	0.223	0.348	0.169A	0.163	0.296	0.384	---	---	12
13	---	---	---	---	0.134	0.304	0.185A	0.370	0.329	0.307	---	---	13
14	---	---	---	---	0.209	0.306	0.268	0.378	0.391	0.221	---	---	14
15	---	---	---	---	0.478	0.278	0.185	0.436	0.385	0.138	---	---	15
16	---	---	---	---	0.482	0.386	0.147A	0.648	0.277	0.189	---	---	16
17	---	---	---	---	0.492	0.326	0.148A	0.687	0.274	0.158	---	---	17
18	---	---	---	---	0.500	0.220	0.149A	0.652	0.532	0.444	---	---	18
19	---	---	---	---	0.450	0.201	0.149A	0.317	0.841	0.224	---	---	19
20	---	---	---	---	0.348	0.200	0.148A	0.194	0.721	0.171	---	---	20
21	---	---	---	---	0.414	0.228	0.180	0.223	0.722	0.180	---	---	21
22	---	---	---	---	0.435	0.317	0.183	0.232	0.451	0.149	---	---	22
23	---	---	---	---	0.538	0.382	0.188	0.158	0.428	0.145	---	---	23
24	---	---	---	---	0.573	0.270	0.197	0.131	0.522	0.134	---	---	24
25	---	---	---	---	0.448	0.216	0.131A	0.304	0.528	0.128	---	---	25
26	---	---	---	---	0.348	0.208	0.101A	0.384	0.588	0.158	---	---	26
27	---	---	---	---	0.236	0.231	0.268	0.408	0.515	0.135	---	---	27
28	---	---	---	0.488A	0.184	0.288	0.271	0.351	0.486	0.136	---	---	28
29	---	---	---	0.467	0.244	0.278	0.161	0.308	0.431	0.144	---	---	29
30	---		---	0.868	0.307	0.242	0.088	0.328	0.443	0.136	---	---	30
31	---		---		0.394		0.127	0.312		0.140		---	31
TOTAL	---	---	---	---	13.886	13.871	5.921	9.289	10.787	10.112	---	---	TOTAL
MEAN	---	---	---	---	0.448	0.422	0.191	0.300	0.380	0.326	---	---	MEAN
MAX	---	---	---	---	0.811	1.41	0.359	0.648	0.722	0.882	---	---	MAX
MIN	---	---	---	---	0.134	0.113	0.088	0.061	0.073	0.128	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.334
MAXIMUM DAILY, 1.41 ON JUN 7
MINIMUM DAILY, 0.073 ON SEP 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 47 N
LONG 110 36 27 W
DRAINAGE AREA, 1 490 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	513
FEB	---	AUG	803
MAR	---	SEP	833
APR	---	OCT	874
MAY	1 080	NOV	---
JUN	1 080	DEC	---

TOTAL DISCHARGE, 5 390 dam³

ROSS CREEK NEAR IRVINE - STATION NO. 05AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0.053	0	0	0	0E	0	0	0A	---	1
2	---	0	0	0.065	0	0	0	0E	0	0	---	---	2
3	---	0	0	0.288	0	0	0	0E	0	0	---	---	3
4	---	0	0	0.883	0	0	0	0E	0	0	---	---	4
5	---	0	0	0.784	0	0A	0	0E	0	0	---	---	5
6	---	0	0	0.413	0	0E	0	0E	0	0	---	---	6
7	---	0	0	0.288	0	0E	0	0E	0	0	---	---	7
8	---	0	0	0.200	0	0E	0	0E	0	0	---	---	8
9	---	0	0	0.183	0	0E	0	0E	0	0	---	---	9
10	---	0	0	0.159	0	0E	0	0E	0	0	---	---	10
11	---	0	0	0.149	0	0E	0	0E	0	0	---	---	11
12	---	0	0	0.139	0	0E	0	0E	0	0	---	---	12
13	---	0	0	0.108	0	0E	0	0E	0	0	---	---	13
14	---	0	0.0188	0.083	0	0A	0	0E	0	0	---	---	14
15	---	0	0.0088	0.081	0	0	0	0E	0	0	---	---	15
16	---	0	0.0088	0.089	0	0	0	0E	0	0	---	---	16
17	---	0	0.0078	0.088	0	0	0	0E	0	0	---	---	17
18	---	0	0.0088	0.067	0	0	0	0E	0	0	---	---	18
19	---	0	0.0058	0.057	0	0	0	0E	0	0	---	---	19
20	---	0	0.0048	0.050	0	0	0	0E	0	0	---	---	20
21	---	0	0.0038	0.038	0	0	0	0E	0	0	---	---	21
22	---	0	0.888	0.031	0	0	0	0E	0	0	---	---	22
23	---	0	1.08	0.017	0	0	0	0E	0	0	---	---	23
24	---	0	0.797	0.015	0	0	0	0E	0	0	---	---	24
25	---	0	0.590	0.012	0	0	0A	0E	0	0	---	---	25
26	0A	0	0.300	0.010	0	0	0E	0E	0	0	---	---	26
27	0	0	0.2648	0	0	0	0E	0E	0	0	---	---	27
28	0	0	0.1888	0	0	0	0E	0E	0	0	---	---	28
29	0	0	0.1288	0	0	0	0E	0E	0	0	---	---	29
30	0		0.0788	0	0	0	0E	0A	0	0	---	---	30
31	0		0.081		0		0E	0		0		---	31
TOTAL	---	0	4.418	4.151	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.142	0.138	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	1.08	0.883	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.031
MAXIMUM DAILY, 1.08 ON MAR 23
MINIMUM DAILY, 0 ON FEB 1
MAXIMUM INSTANTANEOUS,
1.18 AT 13:55 MST ON MAR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 56 27 N
LONG 110 22 00 W
DRAINAGE AREA, 847 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	382	SEP	0
APR	359	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 741 dam³

RUSH LAKE DRAIN NEAR NEW DAYTON - STATION NO. 05AP031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0788	0.021	0.100	0.057	0.057	0.018	0	0.007	0	---	1
2	---	---	0.0608	0.118	0.327	0.044	0.008	0.014	0	0.005	0A	---	2
3	---	---	0.0888	0.084	0.242	0.058	0.004	0.018	0.030	0.004	---	---	3
4	---	---	0.0588	0.048	0.082	0.021	0.002	0.030	0.077	0.002	---	---	4
5	---	---	0.0448	0.022	0.088	0.048	0.001	0.048	0.136	0	---	---	5
6	---	---	0.0428	0.018	0.280	0.088	0.047	0.018	0.108	0	---	---	6
7	---	---	0.0388	0.017	0.242	0.138	0.083	0.084	0.084	0.018	---	---	7
8	---	---	0.038	0.012	0.108	0.048	0.010	0.051	0.024	0.014	---	---	8
9	---	---	0.034	0.010	0.088	0.122	0.040	0.028	0.008	0.008	---	---	9
10	---	---	0.038	0.010	0.082	0.124	0.073	0.033	0.007	0.008	---	---	10
11	---	---	0.032	0.011	0.024	0.044	0.013	0.027	0.038	0.008	---	---	11
12	---	---	0.028	0.010	0.018	0.021	0.071	0.018	0.038	0.008	---	---	12
13	---	---	0.033	0.009	0.013	0.013	0.201	0.021	0.033	0.007	---	---	13
14	---	---	0.034	0.010	0.011	0.010	0.028	0.038	0.023	0.007	---	---	14
15	---	---	0.028	0.521	0.147	0.008	0.011	0.037	0.018	0.008	---	---	15
16	---	---	0.028	0.134	0.237	0.008	0.008	0.078	0.010	0.004	---	---	16
17	---	---	0.028	0.051	0.181	0.008	0.134	0.018	0.007	0.004	---	---	17
18	---	---	0.027	0.045	0.088	0.003	0.244	0.007	0.007	0.002	---	---	18
19	---	---	0.028	0.048	0.058	0.004	0.158	0.004	0.007	0.001	---	---	19
20	---	---	0.028	0.048	0.038	0.104	0.033	0.004	0.008	0	---	---	20
21	---	---	0.027	0.038	0.037	0.018	0.011	0.007	0.008	0	---	---	21
22	---	---	0.031	0.033	0.108	0.007	0.008	0.010	0.008	0	---	---	22
23	---	---	0.028	0.038	0.053	0.008	0.002	0.014	0.008	0	---	---	23
24	---	---	0.023	0.047	0.028	0.057	0	0.007	0.008	0	---	---	24
25	---	0.0428	0.018	0.071	0.013	0.037	0.008	0.003	0.023	0	---	---	25
26	---	0.0888	0.0158	0.100	0.008	0.010	0.020	0	0.035	0	---	---	26
27	---	0.0518	0.0148	0.084	0.008	0.008	0.018	0	0.078	0	---	---	27
28	---	0.0278	0.0108	0.061	0.214	0.008	0.017	0	0.035	0	---	---	28
29	---	0.0478	0.008	0.108	0.257	0.035	0.007	0	0.018	0	---	---	29
30	---		0.008	0.151	0.288	0.141	0.003	0	0.010	0	---	---	30
31	---		0.008		0.200		0.015	0		0		---	31
TOTAL	---	---	0.841	1.987	3.584	1.378	1.388	0.834	0.688	0.111	---	---	TOTAL
MEAN	---	---	0.030	0.066	0.116	0.048	0.041	0.020	0.029	0.004	---	---	MEAN
MAX	---	---	0.080	0.521	0.327	0.141	0.244	0.084	0.136	0.018	---	---	MAX
MIN	---	---	0.008	0.008	0.008	0.003	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.044
MAXIMUM DAILY, 0.521 ON APR 15
MINIMUM DAILY, 0 ON JUL 24
MAXIMUM INSTANTANEOUS,
0.563 AT 16:00 MST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 57 N
LONG 112 10 40 W
DRAINAGE AREA, 895 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	111
FEB	---	AUG	54.6
MAR	81.3	SEP	74.3
APR	172	OCT	9.59
MAY	307	NOV	---
JUN	118	DEC	---

TOTAL DISCHARGE, 828 dam³

RYCROFT SURVEY NO. 3 NEAR RYCROFT - STATION NO. 07FD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0058	0	0	0	0	0	0	---	---	1
2	---	---	---	0.0068	0	0	0	0	0	0	---	---	2
3	---	---	---	0.0088	0	0	0.014	0	0	0	---	---	3
4	---	---	---	0.0068	0	0	0.038	0	0	0	---	---	4
5	---	---	---	0.0038	0	0	0.021	0	0	0	---	---	5
6	---	---	---	0 B	0	0.004	0.012	0	0	0	---	---	6
7	---	---	---	0 B	0	0.001	0.011	0	0	0	---	---	7
8	---	---	---	0 B	0	0.001	0.014	0	0	0	---	---	8
9	---	---	---	0	0	0	0.007	0	0	0	---	---	9
10	---	---	---	0	0	0	0.017	0	0	0	---	---	10
11	---	---	---	0	0	0	0.043	0	0	0	---	---	11
12	---	---	---	0	0	0	0.088	0	0	0	---	---	12
13	---	---	---	0	0	0	0.089	0	0	0	---	---	13
14	---	---	---	0	0	0	0.038	0	0	0	---	---	14
15	---	---	---	0	0	0	0.015	0	0	0	---	---	15
16	---	---	---	0	0	0	0.005	0	0	0	---	---	16
17	---	---	---	0	0	0	0.002	0	0	0	---	---	17
18	---	---	---	0	0	0	0.001	0	0	0	---	---	18
19	---	---	---	0	0	0	0.002	0	0	0	---	---	19
20	---	---	---	0	0	0	0.001	0	0	0	---	---	20
21	---	---	---	0	0	0	0	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0	0	0	0B	---	---	25
26	---	---	---	0	0	0	0	0	0	0B	---	---	26
27	---	---	---	0	0	0	0	0	0	0B	---	---	27
28	---	---	0 B	0	0	0	0	0	0	0B	---	---	28
29	---	---	0 B	0	0	0.001	0	0	0	0B	---	---	29
30	---		0.0048	0	0	0.001	0	0	0	0B	---	---	30
31	---		0.0048		0		0	0		0B		---	31
TOTAL	---	---	---	0.035	0	0.008	0.401	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.001	0	0	0.013	0	0	0	---	---	MEAN
MAX	---	---	---	0.008	0	0.004	0.089	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.089 ON JUL 13
MINIMUM DAILY, 0B ON MAR 28
MAXIMUM INSTANTANEOUS,
0.104 AT 07:30 MST ON JUL 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REMARKS - DATA FOR 1982 ARE ALSO AVAILABLE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 45 00 N
LONG 116 35 00 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	24.0
FEB	---	AUG	0
MAR	---	SEP	0
APR	2.10	OCT	0
MAY	0	NOV	---
JUN	0.89	DEC	---

SADDLE RIVER NEAR WOKING - STATION NO. 07FD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.095	0.383	0.515	2.77	0.001	0.001	0	0.001E	---	1
2	---	---	0 B	0.029	0.187	0.023	1.33	0	0	0	0.001E	---	2
3	---	---	0 B	0.097	0.179	0.015	1.04	0	0	0	0.002A	---	3
4	---	---	0 B	0.077	0.159	0.012	2.17	0	0	0	---	---	4
5	---	---	0 B	0.091	0.088	0.011	2.00	0	0	0	---	---	5
6	---	---	0.0018	0.214	0.141	0.382	2.59	0	0	0	---	---	6
7	---	---	0 B	0.106	0.062	8.04	2.26	0	0	0	---	---	7
8	---	---	0.0038	0.088	0.013	4.35	1.42	0	0	0	---	---	8
9	---	---	0.0018	0.084	0.014	4.57	0.833	0	0	0	---	---	9
10	---	---	0.0028	0.088	0.012	2.55	0.551	0	0	0	---	---	10
11	---	---	0.1658	0.116	0.109	1.63	0.740	0.001	0	0	---	---	11
12	---	---	0.1928	0.154	0.022	1.20	0.737	0.001	0	0	---	---	12
13	---	---	0.2018	0.190	0.012	0.886	0.848	0.001	0	0	---	---	13
14	---	---	0.3408	0.210	0.014	0.802	0.808	0.001	0	0	---	---	14
15	---	---	0.5708	0.243	0.088	0.871	0.424	0.003	0	0	---	---	15
16	---	---	0.6408	0.453	0.387	0.351	0.301	0.002	0	0	---	---	16
17	---	---	0.1748	0.593	0.351	0.248	0.214	0.004	0	0	---	---	17
18	---	---	0.1748	0.447	0.230	0.268	0.108	0.008	0	0	---	---	18
19	---	---	0.1208	0.428	0.080	0.191	0.079	0.002	0	0	---	---	19
20	---	---	0.1858	0.298	0.089	0.112	0.088	0.002	0	0	---	---	20
21	---	---	0.1188	0.255	0.027	0.086	0.035	0.002	0	0	---	---	21
22	---	0 B	0.1858	0.421	0.015	0.036	0.029	0.002	0	0.001E	---	---	22
23	---	0 B	0.1678	0.347	0.012	0.023	0.015	0.001	0	0.001E	---	---	23
24	---	0 B	0.1978	0.310	0.012	0.015	0.012	0.001	0	0	---	---	24
25	---	0 B	0.1788	0.283	0.011	0.013	0.011	0	0	0	---	---	25
26	---	0 B	0.1718	0.230	0.011	0.013	0.007	0	0	0	---	---	26
27	---	0.0018	0.1518	0.203	0.012	0.012	0.006	0.001	0	0	---	---	27
28	---	0.0018	0.1448	0.075	0.023	0.010	0.004	0.001	0	0	---	---	28
29	---	0 B	0.1088	0.047	0.014	0.023	0.004	0.001	0	0	---	---	29
30	---		0.100	0.278	0.025	1.26	0.002	0.001	0	0.001E	---	---	30
31	---		0.058		0.018		0.002	0.001		0.001A		---	31
TOTAL	---	---	4.311	8.518	2.890	25.825	20.802	0.035	0.001	0.004	---	---	TOTAL
MEAN	---	---	0.139	0.217	0.087	0.861	0.671	0.001	0	0	---	---	MEAN
MAX	---	---	0.640	0.593	0.387	8.04	2.77	0.008	0.001	0.001	---	---	MAX
MIN	---	---	0	0.029	0.011	0.010	0.002	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.268
MAXIMUM DAILY, 8.04 ON JUN 7
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.36 AT 04:00 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 39 N
LONG 114 41 51 W
DRAINAGE AREA, 530 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 600
FEB	---	AUG	3.02
MAR	372	SEP	0.08
APR	883	OCT	0.35
MAY	232	NOV	---
JUN	2 230	DEC	---

TOTAL DISCHARGE, 5 200 dam³

SAGE CREEK AT O RANCH NEAR WILDHORSE - STATION NO. 11AA025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.001	0	0	0	0	0	0	0A	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0.358	0	0	0	0	0	0	---	---	5
6	---	---	0.0068	0.515	0	0	0	0	0	0	---	---	6
7	---	---	0.0348	0.197	0	0	0	0	0	0	---	---	7
8	---	---	0.0178	0.118	0	0	0	0	0	0	---	---	8
9	---	---	0.0388	0.148	0	0	0	0	0	0	---	---	9
10	---	---	0.0888	0.174	0	0	0	0	0	0	---	---	10
11	---	---	0.0488	0.088	0	0	0	0	0	0	---	---	11
12	---	---	0.0508	0.048	0	0	0	0	0	0	---	---	12
13	---	---	0.0588	0.033	0	0	0	0	0	0	---	---	13
14	---	---	0.0538	0.007	0	0	0	0	0	0	---	---	14
15	---	---	0.0348	0	0	0	0	0	0	0	---	---	15
16	---	---	0.0238	0	0	0	0	0	0	0	---	---	16
17	---	---	0.0288	0	0	0	0	0	0	0	---	---	17
18	---	---	0.0278	0	0	0	0	0	0	0	---	---	18
19	---	---	0.0358	0	0	0	0	0	0	0	---	---	19
20	---	---	0.0128	0	0	0	0	0	0	0	---	---	20
21	---	---	0.0048	0	0	0	0	0	0	0	---	---	21
22	---	---	0.0018	0	0	0	0	0	0	0	---	---	22
23	---	0A	0 B	0	0	0	0	0	0	0	---	---	23
24	---	0	0 B	0	0	0	0	0	0	0	---	---	24
25	---	0	0.1008	0	0	0	0	0	0	0	---	---	25
26	---	0	0.0888	0	0	0	0	0	0	0	---	---	26
27	---	0	0.0858	0	0	0	0	0	0	0	---	---	27
28	---	0	0.0438	0	0	0	0	0	0	0	---	---	28
29	---	0	0.0188	0	0	0	0	0	0	0	---	---	29
30	---		0.0088	0	0	0	0	0	0	0	---	---	30
31	---		0.0048		0		0	0		0		---	31
TOTAL	---	---	0.834	1.687	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.027	0.056	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.100	0.515	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.010
MAXIMUM DAILY, 0.515 ON APR 6
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.639 AT 05:40 MST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 28 N
LONG 110 13 23 W
DRAINAGE AREA, 455 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	72.1	SEP	0
APR	144	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 216 dam³

SAKWATAMAU RIVER NEAR WHITECOURT - STATION NO. 07AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.6730	2.670	5.800	3.75	8.65	2.73	2.24	2.02	1.600	---	1
2	---	---	0.6730	3.210	5.130	3.41	7.74	2.67	1.98	1.83	1.600	---	2
3	---	---	0.5100	3.630	4.620	3.24	6.17	2.60	1.85	1.72	---	---	3
4	---	---	0.4860	3.620	4.260	3.01	5.80	2.38	1.85	1.66	---	---	4
5	---	---	0.4780	3.620	3.99	2.93	5.49	2.33	1.89	1.65	---	---	5
6	---	---	0.5520	4.460	3.83	3.47	9.00	2.41	1.86	1.62	---	---	6
7	---	---	0.7210	4.520	3.86	5.73	85.2	2.86	1.92	1.64	---	---	7
8	---	---	0.8970	4.420	3.80	8.32	92.0	2.85	1.9	1.65	---	---	8
9	---	---	0.8804	4.340	3.64	10.6	46.1	2.93	2	1.61	---	---	9
10	---	---	0.8260	4.330	3.84	47.4	31.6	2.52	2.2	1.62	---	---	10
11	---	---	0.7520	3.740	3.61	36.0	23.6	2.31	2.22	1.62	---	---	11
12	---	---	1.22 B	4.430	3.59	49.1	24.5	2.21	2.03	1.66	---	---	12
13	---	---	1.80 B	5.900	3.65	38.1	86.4	2.15	1.66	1.48	---	---	13
14	---	---	1.75 B	5.700	4.67	34.6	42.7	2.15	1.71	1.61	---	---	14
15	---	---	1.87 B	5.760	19.5	17.5	29.0	2.03	1.80	1.58	---	---	15
16	---	---	1.88 B	6.200	16.5	14.0	20.5	2.31	1.84	1.68	---	---	16
17	---	---	1.80 B	6.000	12.2	12.5	15.4	2.94	1.88	1.68	---	---	17
18	---	---	1.87 B	6.200	9.56	10.5	12.2	4.74	1.84	1.69	---	---	18
19	---	---	1.80 B	6.800	7.78	11.5	10.5	8.42	1.83	1.65	---	---	19
20	---	---	1.87 B	9.250	8.32	10.5	9.12	8.45	1.84	1.68	---	---	20
21	---	---	2.26 B	11.0 B	8.56	8.46	7.58	8.82	1.84	1.63	---	---	21
22	---	---	2.41 B	9.848	4.74	7.16	6.41	8.53	1.89	1.71	---	---	22
23	---	---	2.68 B	8.478	4.26	6.04	5.38	8.36	1.87	1.76	---	---	23
24	---	---	2.96 B	7.848	4.02	5.07	4.77	4.37	1.81	1.81	---	---	24
25	---	---	3.16 B	6.498	3.84	4.86	4.22	3.54	1.83	1.788	---	---	25
26	---	---	3.16 B	6.018	3.80	5.67	3.83	3.04	1.70	1.578	---	---	26
27	---	---	3.10 B	5.338	3.20	4.89	3.81	2.87	1.83	1.388	---	---	27
28	---	---	3.06 B	5.058	3.67	4.61	3.24	2.40	1.88	1.718	---	---	28
29	---	---	3.12 B	5.138	2.83	5.02	3.17	3.30	2.04	1.718	---	---	29
30	---		3.00 B	5.468	3.10	5.70	3.10	3.18	2.08	1.888	---	---	30
31	---		2.91 B		3.41		2.86	2.43		1.888		---	31
TOTAL	---	---	64.274	177.84	170.71	378.36	600.64	101.06	54.37	50.62	---	---	TOTAL
MEAN	---	---	1.78	5.93	5.51	12.6	19.4	3.26	1.81	1.64	---	---	MEAN
MAX	---	---	3.16	11.0	19.5	49.1	85.2	8.82	2.35	2.03	---	---	MAX
MIN	---	---	0.486	2.67	2.83	2.83	2.86	2.02	1.68	1.38	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.67
MAXIMUM DAILY, 85.2 ON JUL 7
MINIMUM DAILY, 0.4860 ON MAR 4
MAXIMUM INSTANTANEOUS,
138 AT 00:43 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 12 05 N
LONG 115 46 40 W
DRAINAGE AREA, 1 140 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	61 900
FEB	---	AUG	6 730
MAR	6 880	SEP	4 700
APR	15 300	OCT	4 380
MAY	14 700	NOV	---
JUN	32 800	DEC	---

TOTAL DISCHARGE, 137 000 dam³

SALT CREEK NEAR GROUARD - STATION NO. 07BF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0448	0.4868	0.347	0.568	2.46	0.282A	0.082	0.086	0.1038	---	1
2	---	---	0.0488	0.4868	0.388	0.582	1.86	0.216A	0.084	0.083	0.1128	---	2
3	---	---	0.0488	0.5168	0.401	0.678	1.35	0.282A	0.084	0.083	0.1148	---	3
4	---	---	0.0488	0.6188	0.380	0.523	1.77	0.170A	0.108	0.031	---	---	4
5	---	---	0.0478	0.5238	0.408	0.412	1.70	0.127A	0.108	0.027	---	---	5
6	---	---	0.0478	0.3608	0.413	0.390	5.75	0.128A	0.088	0.024	---	---	6
7	---	---	0.0488	0.3208	0.388	0.613	28.1	0.884A	0.108	0.027	---	---	7
8	---	---	0.0488	0.2788	0.388	0.458	28.7	0.880A	0.082	0.023	---	---	8
9	---	---	0.0488	0.2658	0.388	3.48	16.3	0.867A	0.048	0.028	---	---	9
10	---	---	0.0488	0.3488	0.340	6.72	8.97	0.862A	0.032	0.034	---	---	10
11	---	---	0.0588	0.3978	0.342	8.33	8.33	0.869A	0.028	0.033	---	---	11
12	---	---	0.0588	0.4818	0.308	8.62	10.7	0.867A	0.028	0.028	---	---	12
13	---	---	0.0688	0.5378	0.287	6.88	20.3	0.138A	0.031	0.035	---	---	13
14	---	---	0.0788	0.6788	0.808	5.20	13.4	0.133A	0.043	0.044	---	---	14
15	---	---	0.0788	0.6378	0.824	3.89	7.84	0.167A	0.037	0.085	---	---	15
16	---	---	0.0828	0.6398	0.687	3.66	4.88	0.063A	0.041	0.076	---	---	16
17	---	---	0.0888	0.4748	0.614	3.51	3.68	0.044A	0.088	0.080	---	---	17
18	---	---	0.0888	0.431	0.668	3.11	3.78	0.088	0.085	0.070	---	---	18
19	---	---	0.0908	0.418	0.495	2.83	3.80	0.140	0.088	0.088	---	---	19
20	---	---	0.0928	0.417	0.480	1.85	2.74	0.118	0.072	0.083	---	---	20
21	---	---	0.0898	0.818	0.270	1.47	1.88	0.108	0.078	0.093	---	---	21
22	---	---	0.1378	0.498	0.308	1.30	1.38	0.188	0.084	0.0908	---	---	22
23	---	---	0.1388	0.380	0.348	0.886	1.07	0.138	0.084	0.0878	---	---	23
24	---	---	0.1488	0.361	0.648	0.887	1.03	0.118	0.082	0.0878	---	---	24
25	---	---	0.1588	0.333	0.738	0.737	0.788	0.070	0.070	0.0848	---	---	25
26	---	0.0488	0.1638	0.338	0.828	0.634	0.782	0.038	0.081	0.0848	---	---	26
27	---	0.0488	0.1638	0.218	0.818	0.518	0.617	0.032	0.058	0.0828	---	---	27
28	---	0.0448	0.1218	0.248	0.581	0.743	0.480	0.028	0.058	0.0818	---	---	28
29	---	0.0448	0.1088	0.278	0.588	2.24	0.408	0.038	0.083	0.0848	---	---	29
30	---		0.0818	0.328	0.577	3.22	0.328A	0.048	0.044	0.0878	---	---	30
31	---		0.1708		0.558		0.278A	0.070		0.0928		---	31
TOTAL	---	---	2.768	12.708	15.566	73.232	178.387	2.308	1.988	1.958	---	---	TOTAL
MEAN	---	---	0.089	0.424	0.502	2.44	5.75	0.107	0.067	0.063	---	---	MEAN
MAX	---	---	0.193	0.837	0.887	8.72	28.1	0.282	0.108	0.093	---	---	MAX
MIN	---	---	0.044	0.218	0.287	0.380	0.278	0.028	0.028	0.023	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 28.1 ON JUL 7
MINIMUM DAILY, 0.023 ON OCT 6
MAXIMUM INSTANTANEOUS,
33.7 AT 22:30 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 28 N
LONG 116 08 37 W
DRAINAGE AREA, 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15 400
FEB	---	AUG	246
MAR	238	SEP	172
APR	1 100	OCT	109
MAY	1 340	NOV	---
JUN	6 330	DEC	---

TOTAL DISCHARGE, 25 000 dam³

SAN LAKE TRIBUTARY NEAR SCHULER - STATION NO. 05AN047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0	0	E	0	0	0	0A	---	1
2	---	0	0	0	0	0	0	0	0	0	---	---	2
3	---	0	0	0	0	0	0	0	0	0	---	---	3
4	---	0	0	0	0	0	0	0	0	0	---	---	4
5	---	0	0	0	0	0	0	0	0	0	---	---	5
6	---	0	0	0	0	0	0	0	0	0	---	---	6
7	---	0	0	0	0	0	0	0	0	0	---	---	7
8	---	0	0	0	0	0	0	0	0	0	---	---	8
9	---	0	0	0	0	0	0	0	0	0	---	---	9
10	---	0	0	0	0	0	0	0	0	0	---	---	10
11	---	0	0	0	0	0	0	0	0	0	---	---	11
12	---	0	0	0	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0B	0	0	0	0	0	0	0	0	---	---	17
18	---	0B	0	0	0	0	0	0	0	0	---	---	18
19	---	0B	0	0	0	0	0	0	0	0	---	---	19
20	---	0B	0	0	0	0	0	0	0	0	---	---	20
21	---	0B	0	0	0	0	0	0	0	0	---	---	21
22	---	0B	0	0	0	0	0	0	0	0	---	---	22
23	---	0B	0	0	0	0	0	0	0	0	---	---	23
24	---	0B	0	0	0	0	0	0	0	0	---	---	24
25	---	0B	0	0	0	0	0	0	0	0	---	---	25
26	0B	0B	0	0	0	0	0	0	0	0	---	---	26
27	0	0B	0	0	0	0	0	0	0	0	---	---	27
28	0	0B	0	0	0	0	0	0	0	0	---	---	28
29	0	0B	0	0	0	0	0	0	0	0	---	---	29
30	0		0	0	0	0	0	0	0	0	---	---	30
31	0		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON FEB 1
MINIMUM DAILY, 0 ON FEB 1

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 48 N
LONG 110 18 38 W
DRAINAGE AREA, 81.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

SAND RIVER NEAR THE MOUTH - STATION NO. 05AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.100	2.970	5.04	5.23	5.48	19.6	14.0	4.27	3.810	---	1
2	---	---	1.100	2.880	5.04	5.32	6.86	17.9	13.7	4.09	3.880	---	2
3	---	---	1.100	2.820	5.46	5.86	8.83	16.6	13.3	3.96	---	---	3
4	---	---	1.100	2.990	5.26	6.06	12.7	15.8	12.8	3.96	---	---	4
5	---	---	1.100	3.060	5.17	6.06	15.6	14.4	12.2	3.97	---	---	5
6	---	---	1.100	3.380	5.24	6.64	18.2	13.7	11.6	3.98	---	---	6
7	---	---	1.130	3.600	5.27	6.66	20.3	12.8	11.1	3.81	---	---	7
8	---	---	1.130	4.500	5.26	6.74	21.9	11.9	10.6	3.88	---	---	8
9	---	---	1.140	5.150	4.87	7.21	22.0	11.1	9.73	3.78	---	---	9
10	---	---	1.150	5.580	4.76	7.41	22.7	10.3	9.02	3.73	---	---	10
11	---	---	1.170	5.580	4.70	7.66	23.1	9.82	8.56	3.82	---	---	11
12	---	---	1.200	5.720	4.69	7.75	22.8	9.39	8.28	3.47	---	---	12
13	---	---	1.260	6.310	4.76	7.87	22.2	8.80	7.98	3.62	---	---	13
14	---	---	2.000	6.810	5.79	8.06	21.7	8.63	7.65	3.44	---	---	14
15	---	---	3.040	7.890	6.71	8.39	21.9	8.06	7.00	3.42	---	---	15
16	---	---	3.530	10.2 B	6.72	8.73	23.2	7.68	6.52	3.41	---	---	16
17	---	---	3.250	9.82	6.06	8.82	26.2	7.24	6.15	3.37	---	---	17
18	---	---	3.200	9.02	7.09	8.86	27.7	7.16	5.94	3.28	---	---	18
19	---	---	3.030	9.40	7.82	7.86	30.6	7.07	5.78	3.29	---	---	19
20	---	---	2.980	9.76	7.86	7.34	33.9	6.90	5.64	3.30	---	---	20
21	---	---	3.000	9.33	8.01	8.60	37.5	7.20	5.40	3.33	---	---	21
22	---	---	3.010	8.74	7.80	8.27	40.6	7.93	5.29	3.28	---	---	22
23	---	---	3.000	8.41	7.46	8.04	41.1	7.78	5.09	3.29	---	---	23
24	---	---	2.930	8.78	7.12	8.86	39.8	8.87	4.78	3.24	---	---	24
25	---	---	2.820	8.32	7.03	8.70	37.1	9.86	4.86	3.24	---	---	25
26	---	---	2.730	7.36	8.42	8.32	34.6	10.9	4.58	3.348	---	---	26
27	---	---	2.880	6.80	8.72	4.86	31.0	12.4	4.54	2.728	---	---	27
28	---	---	2.860	6.32	8.58	4.82	28.3	13.4	4.52	2.310	---	---	28
29	---	---	2.970	6.02	8.22	8.47	25.6	14.0	4.48	2.730	---	---	29
30	---		2.860	8.09	8.22	8.46	23.8	14.4	4.41	2.646	---	---	30
31	---		2.830		8.30		21.8	14.3		2.838		---	31
TOTAL	---	---	88.28	194.18	184.46	200.49	787.57	344.70	234.78	108.81	---	---	TOTAL
MEAN	---	---	2.20	6.47	5.95	6.68	24.8	11.1	7.83	3.48	---	---	MEAN
MAX	---	---	3.84	10.2	8.01	8.73	41.1	19.6	14.0	4.27	---	---	MAX
MIN	---	---	1.10	2.88	4.69	4.82	5.48	6.90	4.41	2.31	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.93
MAXIMUM DAILY, 41.1 ON JUL 23
MINIMUM DAILY, 1.100 ON MAR 1
MAXIMUM INSTANTANEOUS,
41.2 AT 13:00 MST ON JUL 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 19 N
LONG 111 11 03 W
DRAINAGE AREA, 4 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	98 300
FEB	---	AUG	28 600
MAR	5 900	SEP	20 300
APR	18 800	OCT	9 240
MAY	15 800	NOV	---
JUN	17 300	DEC	---

TOTAL DISCHARGE, 182 000 dam³

SAULTEAUX RIVER NEAR SPURFIELD - STATION NO. 07BK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0808	0.4288	8.84	4.89	33.8	14.4	3.23	1.88	0.8408	---	1
2	---	---	0.0588	0.4748	8.87	12.8	31.2	12.3	3.09	1.83	---	---	2
3	---	---	0.0588	0.5378	8.18	12.2	28.7	10.1	2.77	1.48	---	---	3
4	---	---	0.0578	0.8518	8.48	11.8	28.8	8.48	2.50	1.42	---	---	4
5	---	---	0.0588	0.8088	4.51	10.8	28.0	7.12	2.19	1.40	---	---	5
6	---	---	0.0578	0.8888	3.85	9.20	38.8	8.28	1.88	1.38	---	---	6
7	---	---	0.0588	1.08 B	3.85	7.82	87.8	5.73	1.80	1.30	---	---	7
8	---	---	0.0578	1.33 B	3.43	8.81	83.7	5.27	1.83	1.32	---	---	8
9	---	---	0.0588	1.48 B	3.18	7.22	108	5.20	1.77	1.31	---	---	9
10	---	---	0.0588	1.42 B	3.38	8.30	128	5.17	1.73	1.28	---	---	10
11	---	---	0.0588	1.81 B	3.30	41.8	182	4.90	1.71	1.27	---	---	11
12	---	---	0.0588	1.87 B	3.15	51.3	185 A	4.72	1.83	1.22	---	---	12
13	---	---	0.0588	2.03 B	3.30	48.2	187 A	4.80	1.73	1.18	---	---	13
14	---	---	0.0608	2.31 B	3.38	43.8	170	4.37	1.83	1.17	---	---	14
15	---	---	0.0618	2.03 B	3.24	38.3	153	4.05	1.83	1.13	---	---	15
16	---	---	0.0608	1.88 B	3.10	28.8	138	3.88	1.78	1.12	---	---	16
17	---	---	0.0618	2.05 B	7.05	24.0	118	3.81	1.87	1.09	---	---	17
18	---	---	0.0618	2.41	7.40	21.8	104	3.88	1.44	1.08	---	---	18
19	---	---	0.0638	3.47	8.14	22.3	82.7	4.80	1.37	1.05	---	---	19
20	---	---	0.0848	4.34	8.27	23.2	82.2	8.03	1.32	1.07	---	---	20
21	---	---	0.0728	4.77	4.48	20.8	82.2	8.84	1.27	1.03	---	---	21
22	---	---	0.0738	8.81	3.83	17.4	48.8	7.74	1.28	1.04	---	---	22
23	---	---	0.0788	8.44	3.33	14.8	41.0	8.48	1.28	1.04	---	---	23
24	---	---	0.0848	8.78	2.84	14.8	38.4	7.88	1.28	1.08	---	---	24
25	---	---	0.0888	8.27	2.88	21.2	32.8	8.83	1.28	1.08	---	---	25
26	---	---	0.1378	8.28	2.40	21.8	28.4	8.87	1.28	1.08	---	---	26
27	---	---	0.4238	8.74	2.88	30.0	26.8	8.04	1.28	0.8208	---	---	27
28	---	---	0.4918	8.42	2.88	28.0	24.0	4.48	1.28	0.8358	---	---	28
29	---	---	0.4888	8.11	2.38	33.1	21.4	3.81	1.38	0.7428	---	---	29
30	---		0.4278	8.28	2.42	38.8	18.1	3.88	1.48	0.7788	---	---	30
31	---		0.3928		2.41		18.8	3.38		0.8808		---	31
TOTAL	---	---	3.811	80.783	124.85	883.14	2 282.8	188.84	52.44	38.732	---	---	TOTAL
MEAN	---	---	0.128	3.03	4.02	22.8	74.0	8.03	1.78	1.18	---	---	MEAN
MAX	---	---	0.481	8.78	7.40	51.3	187	14.4	3.23	1.88	---	---	MAX
MIN	---	---	0.058	0.428	2.38	4.88	18.8	3.38	1.28	0.742	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.2
MAXIMUM DAILY, 187A ON JUL 13
MINIMUM DAILY, 0.0588 ON MAR 7
MAXIMUM INSTANTANEOUS,
188 AT 08:00 MST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 08 20 N
LONG 114 14 10 W
DRAINAGE AREA, 2 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	196 000
FEB	---	AUG	16 200
MAR	338	SEP	4 530
APR	7 840	OCT	3 090
MAY	10 800	NOV	---
JUN	88 000	DEC	---

TOTAL DISCHARGE, 300 000 dam³

RAWRIDGE CREEK NEAR SLAVE LAKE - STATION NO. 07BK009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1158	0.3088	3.48	3.40	3.87	0.880E	0.282	0.328	0.3628	---	1
2	---	---	0.1108	0.4828	3.12	2.78	2.88	0.820E	0.278	0.328	0.3478	---	2
3	---	---	0.1018	0.5708	2.87	2.47	3.22	0.880E	0.288	0.312	0.3388	---	3
4	---	---	0.0828	0.6358	2.48	2.17	3.45	0.830E	0.283	0.348	---	---	4
5	---	---	0.1018	0.8588	2.38	2.01	2.82	0.790E	0.321	0.342	---	---	5
6	---	---	0.0868	0.8428	2.31	1.88	73.2 A	0.830E	0.383	0.314	---	---	6
7	---	---	0.0848	0.8048	2.32	1.88	78.3 A	0.84EE	0.402	0.288	---	---	7
8	---	---	0.0948	0.8498	2.27	1.77	25.4 A	0.780E	0.416	0.303	---	---	8
9	---	---	0.1168	0.8328	2.32	24.8	14.5	0.748E	0.352	0.321	---	---	9
10	---	---	0.1268	1.08 B	2.43	21.5	10.2	0.710E	0.318	0.310	---	---	10
11	---	---	0.1358	1.18 B	2.40	22.2	7.45	0.870E	0.287	0.300	---	---	11
12	---	---	0.1438	1.82 B	2.22	18.8	8.88	0.890E	0.308	0.288	---	---	12
13	---	---	0.1508	1.88 B	2.08	10.8	10.1	0.880E	0.288	0.270	---	---	13
14	---	---	0.1588	1.78 B	2.88	7.22	7.88	0.820E	0.281	0.283	---	---	14
15	---	---	0.1838	2.87 B	3.42	8.88	8.77	0.880E	0.288	0.288	---	---	15
16	---	---	0.2118	3.88 B	2.78	4.78	4.84	0.820E	0.310	0.288	---	---	16
17	---	---	0.1748	2.87 B	2.44	4.38	4.28	0.700E	0.327	0.300	---	---	17
18	---	---	0.1588	2.13 B	2.19	4.13	3.80A	0.780E	0.331	0.380	---	---	18
19	---	---	0.1638	3.88 B	1.85	3.88	3.08A	0.820E	0.338A	0.308	---	---	19
20	---	---	0.1858	8.78 B	1.78	2.87	2.88	0.880E	0.388A	0.428	---	---	20
21	---	---	0.2118	4.82	1.87	2.80	2.43	0.820E	0.321	0.484	---	---	21
22	---	---	0.2328	4.28	1.88	2.38	2.24	0.720E	0.484	0.438	---	---	22
23	---	---	0.2448	3.88	1.48	2.18	2.08	0.888A	0.418	0.432	---	---	23
24	---	---	0.2298	3.88	1.78	2.01	1.84	0.828A	0.382	0.427	---	---	24
25	---	---	0.2488	3.10	1.71	1.78	1.88	0.484A	0.387	0.417	---	---	25
26	---	---	0.2828	2.82	1.84	1.82	1.88	0.428A	0.330	0.3888	---	---	26
27	---	---	0.2888	3.00	1.52	1.80	1.47	0.400	0.333	0.3308	---	---	27
28	---	---	0.2488	3.28	1.48	2.32	1.32E	0.377	0.308	0.3748	---	---	28
29	---	---	0.3238	3.83	1.37	2.22	1.22E	0.280	0.303	0.3478	---	---	29
30	---	---	0.3488	4.08	4.87	2.88	1.18E	0.338	0.348	0.3928	---	---	30
31	---		0.2238		4.72		1.07E	0.341		0.3838		---	31
TOTAL	---	---	5.397	70.388	73.14	170.85	282.77	20.818	9.887	10.898	---	---	TOTAL
MEAN	---	---	0.174	2.35	2.38	5.70	9.44	0.885	0.330	0.342	---	---	MEAN
MAX	---	---	0.388	8.78	4.72	24.8	78.3	0.890	0.484	0.484	---	---	MAX
MIN	---	---	0.088	0.308	1.37	1.82	1.07	0.280	0.288	0.270	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.87
MAXIMUM DAILY, 78.3A ON JUL 7
MINIMUM DAILY, 0.0888 ON MAR 7
MAXIMUM INSTANTANEOUS,
188 AT 18:00 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 00 N
LONG 114 48 30 W
DRAINAGE AREA, 233 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25 300
FEB	---	AUG	1 780
MAR	488	SEP	854
APR	2 080	OCT	917
MAY	8 320	NOV	---
JUN	14 800	DEC	---

TOTAL DISCHARGE, 88 800 dam³

SEVEN PERSONS CREEK AT MEDICINE HAT - STATION NO. 05AH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.17	1.38	2.11	1.75	0.795	0.913	0.083	---	1
2	---	---	---	---	1.31	1.28	1.95	2.02	1.02	1.03	0.083	---	2
3	---	---	---	---	1.48	1.24	1.90	1.81	0.828	0.893	0.098A	---	3
4	---	---	---	---	1.54	1.19	1.90	1.52	0.880	0.855	---	---	4
5	---	---	---	---	1.45	1.56	1.99	1.69	0.804	0.772	---	---	5
6	---	---	---	---	1.63	2.17	2.28	1.51	0.800	0.858	---	---	6
7	---	---	---	---	1.30	2.33	2.47	1.47	0.877	1.07	---	---	7
8	---	---	---	---	1.35	3.26	2.13	1.28	0.862	0.821	---	---	8
9	---	---	---	---	1.39	5.23	1.87	1.28	0.857	0.884	---	---	9
10	---	---	---	---	1.33	3.07	1.67	1.14	0.787	0.787	---	---	10
11	---	---	---	---	1.28	1.39	1.93	1.28	1.08	0.598	---	---	11
12	---	---	---	---	1.20	1.06	2.21	1.28	0.950	0.382	---	---	12
13	---	---	---	---	1.15	0.922	2.31	1.04	0.859	0.231	---	---	13
14	---	---	---	---	1.30	0.809	2.55	1.00	0.782	0.230	---	---	14
15	---	---	---	---	1.41	0.845	2.38	1.18	0.778	0.185	---	---	15
16	---	---	---	---	1.38	0.935	2.13	2.16	0.712	0.126	---	---	16
17	---	---	---	---	1.22	1.05	2.11	1.77	0.881	0.095	---	---	17
18	---	---	---	---	1.37	1.08	2.37	1.31	0.828	0.076	---	---	18
19	---	---	---	---	1.24	1.04	2.20	1.02	0.845	0.078	---	---	19
20	---	---	---	---	1.15	1.19	1.90	0.981	0.840	0.082	---	---	20
21	---	---	---	---	1.05	1.50	1.81	0.985	0.880	0.077	---	---	21
22	---	---	---	---	1.06	1.62	1.71	1.08	0.744	0.074	---	---	22
23	---	---	---	---	1.07	1.54	1.81	1.06	0.894	0.074	---	---	23
24	---	---	---	---	1.08	1.68	2.05	1.01	0.984	0.072	---	---	24
25	---	---	---	---	1.31	1.41	1.98	0.885	1.01	0.074	---	---	25
26	---	---	---	---	1.38	1.56	2.09	0.929	1.02	0.076	---	---	26
27	---	---	---	---	1.17	1.85	1.85	0.860	0.970	0.072	---	---	27
28	---	---	---	1.48A	1.28	1.68	1.62	0.984	1.12	0.076	---	---	28
29	---	---	---	1.28	1.21	2.12	1.72	1.02	0.930	0.077	---	---	29
30	---		---	1.33	1.68	2.32	1.58	0.935	0.825	0.076	---	---	30
31	---		---		1.82		1.58	0.934		0.088		---	31
TOTAL	---	---	---	---	40.54	51.322	62.06	39.127	25.405	11.985	---	---	TOTAL
MEAN	---	---	---	---	1.31	1.71	2.00	1.26	0.847	0.386	---	---	MEAN
MAX	---	---	---	---	1.68	5.23	2.55	2.16	1.12	1.07	---	---	MAX
MIN	---	---	---	---	1.05	0.809	1.58	0.880	0.825	0.072	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.25
MAXIMUM DAILY, 5.23 ON JUN 9
MINIMUM DAILY, 0.072 ON OCT 24

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 25 N
LONG 110 41 02 W
DRAINAGE AREA, 3 270 km²
A - MANUAL GAUGE

REGULATED SINCE 1985

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 380
FEB	---	AUG	3 380
MAR	---	SEP	2 200
APR	---	OCT	1 030
MAY	3 500	NOV	---
JUN	4 430	DEC	---

TOTAL DISCHARGE, 19 900 dam³

SHEEP COULEE NEAR CARSTAIRS - STATION NO. 05CE018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.007B	0.001	0	0	0.003	0	0	---	---	1
2	---	---	0 B	0.010B	0.001	0	0	0.006	0	0	---	---	2
3	---	---	0 B	0.008B	0.001	0	0	0	0	0	---	---	3
4	---	---	0 B	0.008B	0.001	0	0	0	0	0	---	---	4
5	---	---	0 B	0.008B	0.002	0	0.004	0	0	0	---	---	5
6	---	---	0 B	0.004B	0.004	0	0.018	0	0	0	---	---	6
7	---	---	0 B	0.003	0.002	0	0.001	0	0	0	---	---	7
8	---	---	0 B	0.003	0.002	0.008	0	0	0	0	---	---	8
9	---	---	0 B	0.002	0.001	0.042	0	0	0	0	---	---	9
10	---	---	0 B	0.003	0.001	0.019	0	0	0	0	---	---	10
11	---	---	0 B	0.002	0.001	0.002	0	0	0	0	---	---	11
12	---	---	0 B	0.001	0.001	0	0	0	0	0	---	---	12
13	---	---	0 B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.002	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.001	0	0	0	0.022	0	0.001	---	---	16
17	---	---	0 B	0.001	0	0	0	0.012	0	0.007	---	---	17
18	---	---	0 B	0.001	0	0	0	0.002	0	0.001	---	---	18
19	---	---	0 B	0.001	0	0	0	0	0	0.001	---	---	19
20	---	---	0 B	0.001	0	0	0	0.023	0	0.001	---	---	20
21	---	---	0 B	0.001	0	0	0	0.027	0	0.001	---	---	21
22	---	---	0 B	0.001	0	0	0	0.012	0	0.001	---	---	22
23	---	0B	0 B	0.001	0	0	0	0	0	0.001	---	---	23
24	---	0B	0 B	0.001	0	0	0	0	0.010	0.001	---	---	24
25	---	0B	0 B	0.001	0	0	0	0	0.018	0.001A	---	---	25
26	---	0B	0 B	0.001	0	0	0	0	0.007	0.001E	---	---	26
27	---	0B	0 B	0.001	0	0	0	0	0.002	0.001E	---	---	27
28	---	0B	0 B	0.001	0	0	0	0	0.001	0.001E	---	---	28
29	---	0B	0 B	0.001	0	0	0	0	0	0.001E	---	---	29
30	---		0 B	0.001	0	0	0	0	0	0.001E	---	---	30
31	---		0.003B		0		0	0		0.001E		---	31
TOTAL	---	---	0.003	0.072	0.018	0.071	0.021	0.107	0.035	0.022	---	---	TOTAL
MEAN	---	---	0	0.002	0.001	0.002	0.001	0.003	0.001	0.001	---	---	MEAN
MAX	---	---	0.003	0.010	0.004	0.042	0.018	0.027	0.018	0.007	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.042 ON JUN 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.088 AT 01:07 MST ON JUN 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 44 N
LONG 114 02 09 W
DRAINAGE AREA, 38.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.81
FEB	---	AUG	9.24
MAR	0.38	SEP	3.02
APR	8.22	OCT	1.90
MAY	1.88	NOV	---
JUN	8.13	DEC	---

TOTAL DISCHARGE, 30.1 dam³

SHEEP RIVER AT BLACK DIAMOND - STATION NO. 05BL014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6908	0.4808	0.5978	1.338	2.20E	8.88	3.77	4.82	2.88	4.20	2.168	1.10 B	1
2	0.6788	0.4808	0.6008	1.408	2.05E	7.88	3.88	9.24	2.58	4.17	2.238	1.02 B	2
3	0.6858	0.4788	0.6058	1.478	2.02E	8.87	3.82	11.0	2.52	4.02	2.088	1.04 B	3
4	0.6588	0.4708	0.6108	1.538	2.00E	7.88	3.74	14.2	2.47	3.82	1.948	1.05 B	4
5	0.6268	0.4788	0.6208	1.808	2.40E	9.40	3.85	15.8	2.43	3.87	1.908	1.05 B	5
6	0.6108	0.4788	0.6308	1.708	3.80E	10.4	4.74	11.1	2.35	3.81	1.878	1.08 B	6
7	0.6008	0.4808	0.6408	1.808	5.00E	15.8	4.14	8.48	2.32	3.38	1.858	1.05 B	7
8	0.5908	0.4858	0.6508	1.888	8.00E	24.8	3.75	6.78	2.30	3.28	1.808	1.04 B	8
9	0.5858	0.4858	0.6858	2.008	12.0 E	20.8	3.51	5.88	2.25	3.15	1.788	1.02 B	9
10	0.5808	0.5008	0.6708	2.188	14.2 E	16.7	3.30	5.21	2.40	3.04	1.718	1.00 B	10
11	0.5788	0.5108	0.6808	2.408	14.7 E	13.8	3.38	4.85	2.53	2.97	1.688	1.08 B	11
12	0.5808	0.5258	0.7008	2.558	14.0 E	11.4	3.27	9.10	2.48	2.88	1.818	1.06 B	12
13	0.5858	0.5358	0.7208	2.808	13.6 E	9.88	3.08	7.84	2.42	2.87	1.678	1.05 B	13
14	0.5908	0.5408	0.7408	3.008	13.0 E	8.88	2.92	6.83	2.42	2.78	1.638	1.04 B	14
15	0.6008	0.5588	0.7808	3.108	12.0 E	8.00	2.83	5.72	2.43	2.75	1.608	1.05 B	15
16	0.6108	0.5658	0.7808	3.258	11.0 E	7.78	2.73	5.13	2.43	2.88	1.488	1.06 B	16
17	0.6258	0.5758	0.8008	3.388	10.5 E	8.28	2.87	4.70	2.71	2.85	1.488	1.07 B	17
18	0.6408	0.5858	0.8208	3.308	10.4 E	8.34	2.81	4.48	2.87	2.38	1.448	1.08 B	18
19	0.6508	0.5858	0.8408	3.208	9.90E	7.80	2.42	4.20	2.74	2.43	1.428	1.12 B	19
20	0.6858	0.6008	0.8858	2.78	9.30E	8.84	2.28	4.88	2.84	2.41	1.418	1.18 B	20
21	0.6858	0.6008	0.8808	2.27	8.70E	8.08	2.18	4.87	2.80	2.35	1.408	1.18 B	21
22	0.6808	0.5988	0.9008	2.02	8.10E	8.78	2.10	4.32	2.72	2.37	1.388	1.14 B	22
23	0.6408	0.5888	0.9208	1.78	7.80E	8.88	2.10	4.08	2.70	2.28	1.378	1.12 B	23
24	0.6208	0.5858	0.8808	2.03	8.80E	8.18	2.03	3.80	2.82	2.20	1.388	1.07 B	24
25	0.6038	0.5778	1.00 B	1.72	8.81A	4.77	1.97	3.88	2.84	2.09	1.228	1.00 B	25
26	0.5858	0.5808	1.04 B	1.58	8.33	4.47	1.98	3.44	3.18	2.20	1.108	0.8108	26
27	0.5708	0.5858	1.08 B	1.47	8.37	4.88	1.88	3.34	3.18	2.01	1.088	0.8708	27
28	0.5858	0.5908	1.12 B	2.88	5.87	4.42	1.88	3.18	3.08	2.018	1.048	0.8508	28
29	0.5408	0.5958	1.16 B	3.47	8.32	4.88	1.88	2.98	3.24	2.108	1.088	0.8358	29
30	0.5208		1.22 B	3.80	5.80	4.17	1.82	2.88	3.88	2.188	1.088	0.8408	30
31	0.5008		1.28 B		8.47		1.80	2.78		2.088		0.8908	31
TOTAL	18.838	15.721	25.592	88.80	251.24	289.33	87.93	182.81	80.85	88.88	48.48	31.885	TOTAL
MEAN	0.807	0.542	0.826	2.29	8.10	8.88	2.84	8.22	2.88	2.80	1.88	1.03	MEAN
MAX	0.880	0.800	1.28	3.47	14.7	24.8	4.74	15.8	3.88	4.20	2.23	1.18	MAX
MIN	0.500	0.470	0.597	1.33	2.00	4.17	1.80	2.78	2.25	2.01	1.04	0.835	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.21
MAXIMUM DAILY, 24.8 ON JUN 8
MINIMUM DAILY, 0.470B ON FEB 4
MAXIMUM INSTANTANEOUS,
28.4 AT 08:02 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 14 N
LONG 114 14 34 W
DRAINAGE AREA, 595 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 830	JUL	7 800
FEB	1 380	AUG	18 700
MAR	2 210	SEP	8 880
APR	8 830	OCT	7 490
MAY	21 700	NOV	4 010
JUN	23 300	DEC	2 750

TOTAL DISCHARGE, 102 000 dam³

SIFFLEUR RIVER NEAR THE MOUTH - STATION NO. 05DA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	3.28	8.80	15.0	15.8	11.5	8.88	4.74A	---	1
2	---	---	---	---	3.12	8.00	15.8	18.1	12.0	8.08	---	---	2
3	---	---	---	---	2.87	8.01	15.7	18.2	13.2	7.78	---	---	3
4	---	---	---	---	2.87	10.8	14.8	20.1	13.8	7.38	---	---	4
5	---	---	---	---	2.83	12.2	14.8	21.0	13.8	7.24	---	---	5
6	---	---	---	---	2.88	31.8	20.8	18.4	13.8	6.88	---	---	6
7	---	---	---	---	3.08	81.2	17.8	18.4	13.1	6.62	---	---	7
8	---	---	---	---	3.87	78.5	17.4	14.7	10.3	6.62	---	---	8
9	---	---	---	---	5.42	80.5	18.2	15.8	8.38	6.38	---	---	9
10	---	---	---	---	7.70	38.0	18.8	17.2	8.18	6.31	---	---	10
11	---	---	---	---	8.82	28.3	21.8	15.0	8.48	8.18	---	---	11
12	---	---	---	---	12.8	22.3	22.8	14.1	8.08	8.86	---	---	12
13	---	---	---	---	18.0	20.1	17.7	14.1	7.88	8.81	---	---	13
14	---	---	---	---	18.8	20.3	18.1	14.8	7.88	8.82	---	---	14
15	---	---	---	---	10.3	23.7	14.8	14.2	8.13	8.88	---	---	15
16	---	---	---	---	11.2	20.8	13.4	14.2	8.44	8.88	---	---	16
17	---	---	---	---	18.8	28.8	12.3	15.8	8.18	8.80	---	---	17
18	---	---	---	---	10.8	32.8	11.8	17.0	7.81	8.08	---	---	18
19	---	---	---	---	8.78	28.8	11.8	16.8	7.48	8.17	---	---	19
20	---	---	---	4.72A	7.80	24.8	13.1	13.8	7.18	8.11	---	---	20
21	---	---	---	4.82	7.73	22.8	15.8	13.8	8.88	8.12	---	---	21
22	---	---	---	4.73	10.2	25.3	17.1	13.0	8.88	8.23	---	---	22
23	---	---	---	4.81	18.2	27.1	14.8	13.4	8.34	4.87	---	---	23
24	---	---	---	4.22	18.2	24.7	13.2	15.1	8.81	4.82	---	---	24
25	---	---	---	3.87	13.8	20.8	15.8	15.8	8.29	4.80	---	---	25
26	---	---	---	3.32	12.8	22.8	17.4	16.8	8.02	4.78	---	---	26
27	---	---	---	3.40	12.2	25.8	17.8	16.1	8.78	4.82	---	---	27
28	---	---	---	3.83	11.0	25.3	16.1	14.8	8.88	4.18	---	---	28
29	---	---	---	4.01	12.0	21.7	15.0	15.4	8.52	4.30	---	---	29
30	---		---	3.74	10.8	18.3	15.8	15.0	7.47	4.80	---	---	30
31	---		---		10.7		15.0	12.3		4.38		---	31
TOTAL	---	---	---	---	283.28	808.81	488.4	480.8	281.73	180.41	---	---	TOTAL
MEAN	---	---	---	---	9.48	27.0	16.1	15.8	8.72	5.82	---	---	MEAN
MAX	---	---	---	---	18.2	78.5	22.8	21.0	13.8	8.88	---	---	MAX
MIN	---	---	---	---	2.83	8.00	11.8	12.3	8.52	4.02	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 78.5 ON JUN 8
MINIMUM DAILY, 2.83 ON MAY 5
MAXIMUM INSTANTANEOUS,
120 AT 00:38 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 02 39 N
LONG 118 23 02 W
DRAINAGE AREA, 515 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	43 100
FEB	---	AUG	41 500
MAR	---	SEP	22 600
APR	---	OCT	15 000
MAY	25 300	NOV	---
JUN	70 000	DEC	---

TOTAL DISCHARGE, 218 000 dam³

SILVERHORN CREEK NEAR THE MOUTH - STATION NO. 08BA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0388	0.0238	0.0558	0.0598	0.188	0.543	0.787	0.881	0.481	0.388	0.1308	0.1238	1
2	0.0278	0.0328	0.0678	0.0678	0.180	0.503	0.950	0.888	0.487	0.324	0.1808	0.1248	2
3	0.0248	0.0398	0.0888	0.0588	0.158	0.536	0.945	0.737	0.508	0.328	0.1888	0.1218	3
4	0.0288	0.0498	0.0888	0.0548	0.151	0.645	0.848	0.557	0.507	0.318	0.1888	0.1128	4
5	0.0308	0.0538	0.0888	0.0538	0.148	0.813	0.974	0.818	0.524	0.320	0.1828	0.1038	5
6	0.0358	0.0538	0.0538	0.0528	0.141	2.73	1.31	0.785	0.521	0.321	0.1838	0.0818	6
7	0.0418	0.0558	0.0528	0.0538	0.141	4.78	1.04	0.728	0.470	0.318	0.1728	0.0808	7
8	0.0468	0.0558	0.0508	0.0538	0.184	3.88	1.15	0.728	0.440	0.314	0.1658	0.0708	8
9	0.0528	0.0598	0.0508	0.0648	0.280	2.18	1.28	0.902	0.427	0.312	0.1588	0.0718	9
10	0.0578	0.0708	0.0518	0.0598	0.328	1.51	1.38	0.881	0.409	0.305	0.1518	0.0778	10
11	0.0628	0.0718	0.0538	0.0598	0.440	1.18	1.55	0.718	0.387	0.294	0.1448	0.0848	11
12	0.0678	0.0668	0.0548	0.0678	0.781	0.859	1.43	0.688	0.388	0.282	0.1388	0.0888	12
13	0.0718	0.0858	0.0588	0.0628	0.802	0.789	0.946	0.688	0.350	0.271	0.1308	0.0878	13
14	0.0738	0.0898	0.0858	0.1258	0.818	0.845	0.763	0.658	0.331	0.285	0.1288	0.0818	14
15	0.0718	0.0868	0.0538	0.2208	0.462	1.42	0.855	0.623	0.318	0.256	0.1438	0.0778	15
16	0.0858	0.0578	0.0528	0.2488	0.886	2.45	0.810	0.618	0.314	0.248	0.1508	0.0808	16
17	0.0598	0.0588	0.0548	0.2268	0.756	2.88	0.847	0.880	0.308	0.227	0.1658	0.0838	17
18	0.0578	0.0618	0.0578	0.2218	0.812	2.38	0.847	0.880	0.288	0.225	0.1898	0.0828	18
19	0.0608	0.0638	0.0588	0.2108	0.488	1.85	0.887	0.870	0.283	0.217	0.1638	0.0788	19
20	0.0638	0.0828	0.0538	0.2188	0.442	1.88	0.719	0.831	0.278	0.204	0.1848	0.0718	20
21	0.0628	0.0588	0.0488	0.248	0.432	1.53	0.817	0.843	0.270	0.200	0.1838	0.0838	21
22	0.0578	0.0628	0.0488	0.246	0.548	1.88	0.886	0.488	0.280	0.197	0.1808	0.0868	22
23	0.0588	0.0618	0.0528	0.242	1.05	1.98	0.732	0.575	0.284	0.183	0.1638	0.0468	23
24	0.0598	0.0488	0.0588	0.235	0.788	1.54	0.783	0.818	0.245	0.178	0.1348	0.0408	24
25	0.0638	0.0528	0.0598	0.207	0.721	1.36	0.887	0.800	0.235	0.189	0.1178	0.0358	25
26	0.0888	0.0578	0.0888	0.191	0.783	1.77	0.800	0.820	0.222	0.1828	0.0988	0.0388	26
27	0.0708	0.0588	0.0508	0.188	0.713	1.98	0.901	0.584	0.213	0.1808	0.0868	0.0518	27
28	0.0888	0.0588	0.0494	0.187	0.868	1.75	0.772	0.881	0.204	0.1228	0.1008	0.0538	28
29	0.0878	0.0598	0.0528	0.183	0.870	1.48	0.718	0.813	0.215	0.1188	0.1088	0.0458	29
30	0.0418		0.0588	0.171	0.817	1.10	0.725	0.530	0.422	0.0888	0.1188	0.0408	30
31	0.0278		0.0808		0.808		0.884	0.479		0.0708		0.0348	31
TOTAL	1.883	1.813	1.871	4.328	15.388	51.145	27.890	20.888	10.887	7.388	4.488	2.283	TOTAL
MEAN	0.083	0.088	0.084	0.144	0.488	1.70	0.900	0.887	0.382	0.238	0.149	0.074	MEAN
MAX	0.073	0.071	0.080	0.248	1.05	4.78	1.88	0.887	0.824	0.388	0.188	0.124	MAX
MIN	0.024	0.028	0.048	0.082	0.141	0.503	0.847	0.479	0.204	0.070	0.088	0.034	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.407
MAXIMUM DAILY, 4.78 ON JUN 7
MINIMUM DAILY, 0.0248 ON JAN 3
MAXIMUM INSTANTANEOUS,
6.58 AT 22:11 MST ON JUN 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 00 N
LONG 118 34 58 W
DRAINAGE AREA, 20.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	163	JUL	2 410
FEB	139	AUG	1 780
MAR	144	SEP	812
APR	374	OCT	637
MAY	1 330	NOV	385
JUN	4 420	DEC	197

TOTAL DISCHARGE, 12 900 dam³

SIMONETTE RIVER NEAR GOODWIN - STATION NO. 07EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	4.028	9.288	18.8	11.0	138	8.84	4.42	3.82	2.888	---	1
2	---	---	4.028	9.788	18.8	12.2	92.0	8.38	4.36	4.19	2.888	---	2
3	---	---	4.028	10.8 B	18.0	11.8	86.1	8.26	4.29	4.14	---	---	3
4	---	---	4.188	10.8 B	18.1	12.3	82.8	8.26	4.17	3.88	---	---	4
5	---	---	4.408	11.2 B	18.2	13.1	48.1	8.24	4.10	3.81	---	---	5
6	---	---	4.608	13.6 B	14.8	13.7	39.0	7.98	4.08	3.70	---	---	6
7	---	---	4.628	15.4 B	14.4	13.7	41.3	7.73	4.08	3.88	---	---	7
8	---	---	5.238	15.9 B	14.2	34.0	51.3	7.44	4.08	3.85	---	---	8
9	---	---	5.808	15.5	13.5	48.4	44.3	7.17	3.94	3.48	---	---	9
10	---	---	6.108	15.1	13.1	88.3	33.2	7.04	4.20	3.43	---	---	10
11	---	---	6.308	15.5	13.2	104	28.8	7.43	4.48	3.40	---	---	11
12	---	---	6.408	17.2	13.8	438 A	38.2	7.20	4.23	3.31	---	---	12
13	---	---	6.408	18.3	14.0	308 A	97.5	6.98	4.06	3.26	---	---	13
14	---	---	6.408	18.8	13.3	184 A	88.7	6.82	3.87	3.22	---	---	14
15	---	---	6.388	20.2	13.9	134 A	93.8	6.38	3.88	3.18	---	---	15
16	---	---	6.388	24.2	17.8	117 E	47.4	6.23	3.84	3.18	---	---	16
17	---	---	6.308	31.2	18.7	88.2E	38.1	6.48	3.76	3.18	---	---	17
18	---	---	6.408	34.3	14.9	81.8E	28.0	6.30	3.87	3.20	---	---	18
19	---	---	6.558	35.1	13.7	84.8E	24.9	6.24	3.86	3.28	---	---	19
20	---	---	6.708	35.7	13.7	47.1E	22.5	6.68	4.33	3.30	---	---	20
21	---	---	6.878	33.6	11.7	28.7A	19.8	6.90	4.33	3.24	---	---	21
22	---	---	7.458	30.8	10.8	27.1	17.1	6.17	4.25	3.26	---	---	22
23	---	---	7.858	28.8	10.7	24.0	14.9	5.93	4.40	3.32	---	---	23
24	---	---	8.458	26.3	10.0	21.0	13.4	5.77	4.31	3.37	---	---	24
25	---	3.888	8.878	24.3	9.61	19.7	12.4	5.68	4.22	3.37	---	---	25
26	---	4.048	9.108	22.4	9.43	20.0	11.8	5.25	4.13	3.48	---	---	26
27	---	4.128	9.218	19.8	9.02	17.8	10.7	5.02	4.04	3.47	---	---	27
28	---	4.108	9.318	18.5	8.68	16.2	9.80	4.82	3.90	3.488	---	---	28
29	---	4.088	9.048	18.2	9.20	31.3	8.38	4.72	3.82	3.308	---	---	29
30	---		8.778	18.8	9.15	130	9.17	4.70	3.88	3.808	---	---	30
31	---		8.748		9.52		8.82	4.81		3.888		---	31
TOTAL	---	---	205.23	830.84	410.42	2 171.1	1 231.08	204.49	123.15	108.02	---	---	TOTAL
MEAN	---	---	6.62	30.7	13.2	72.4	39.7	6.80	4.11	3.42	---	---	MEAN
MAX	---	---	9.31	35.7	19.8	438	138	8.84	4.48	4.19	---	---	MAX
MIN	---	---	4.02	9.28	8.68	11.0	8.82	4.81	3.87	3.88	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.7
MAXIMUM DAILY, 438A ON JUN 13
MINIMUM DAILY, 3.888 ON OCT 31
MAXIMUM INSTANTANEOUS,
532 AT 18:00 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 03 30 N
LONG 118 10 30 W
DRAINAGE AREA, 5 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	198 000
FEB	---	AUG	17 700
MAR	17 700	SEP	10 800
APR	53 800	OCT	9 180
MAY	36 800	NOV	---
JUN	168 000	DEC	---

TOTAL DISCHARGE, 435 000 dam³

REMARKS - PEAK FLOW WAS OBTAINED FROM HIGH WATER MARK

SLAVE RIVER AT FITZGERALD - STATION NO. 07NB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 750B	2 680B	2 780B	2 700B	3 800B	4 280	4 880	4 940	3 740	3 470	3 080	2 840B	1
2	2 780B	2 660B	2 740B	2 870B	3 790B	4 340	4 840	4 890	3 770	3 510	3 140	2 880B	2
3	2 780B	2 660B	2 740B	2 780B	3 810B	4 480	4 470	4 820	3 770	3 530	3 130	2 880B	3
4	2 780B	2 650B	2 730B	2 800B	3 890B	4 580	4 450	4 810	3 810	3 440	2 900	2 890B	4
5	2 800B	2 790B	2 730B	2 800B	4 010B	4 570	4 890	4 830	3 800	3 410	2 910	2 890B	5
6	2 800B	2 740B	2 720B	2 780B	4 180B	4 800	4 860	4 820	3 780	3 430	2 980	2 880B	6
7	2 780B	2 680B	2 720B	2 780B	4 800B	4 830	5 400	4 830	3 860	3 470	3 120	2 920B	7
8	2 780B	2 650B	2 710B	2 770B	4 470B	4 880	5 270	4 280	3 850	3 480	3 150	2 480B	8
9	2 780B	2 600B	2 700B	2 780B	4 430	4 490	5 280	4 210	3 830	3 390	3 110	2 400B	9
10	2 740B	2 580B	2 690B	2 780B	4 390	4 200	5 220	4 140	3 480	3 380	2 950	2 380B	10
11	2 720B	2 620B	2 680B	2 770B	4 280	4 280	5 200	4 180	3 820	3 410	2 910	2 390B	11
12	2 710B	2 480B	2 670B	2 780B	4 390	4 410	5 270	4 230	3 810	3 420	2 970	2 410B	12
13	2 720B	2 470B	2 660B	2 780B	4 400	4 480	5 800	4 210	3 420	3 410	3 000	2 480B	13
14	2 750B	2 470B	2 650B	2 800B	4 340	4 780	5 880	4 270	3 380	3 400	2 770	2 480B	14
15	2 780B	2 490B	2 650B	2 780B	4 300	5 040	5 880	4 290	3 370	3 330	2 410	2 800B	15
16	2 780B	2 800B	2 640B	2 780B	4 100	5 170	5 390	4 320	3 280	3 330	2 400	2 470B	16
17	2 780B	2 610B	2 640B	2 720B	3 880	5 310	5 370	4 280	3 480	3 310	2 410B	2 410B	17
18	2 760B	2 620B	2 880B	2 880B	3 890	5 480	5 380	4 200	3 480	3 280	2 480B	2 310B	18
19	2 740B	2 630B	2 880B	2 880B	4 080	5 480	5 480	4 110	3 530	3 320	2 440B	2 280B	19
20	2 720B	2 640B	2 880B	2 880B	4 280	5 380	5 700	4 040	3 590	3 480	2 410B	2 190B	20
21	2 710B	2 880B	2 880B	2 720B	4 440	5 410	5 880	3 890	3 880	3 430	2 410B	2 130B	21
22	2 720B	2 870B	2 880B	2 800B	4 610	5 380	5 830	3 880	3 830	3 880	2 420B	2 100B	22
23	2 740B	2 800B	2 880B	2 900B	4 870	5 290	5 740	3 880	3 870	3 810	2 400B	2 110B	23
24	2 780B	2 830B	2 870B	3 000B	5 000	5 190	5 830	3 810	3 880	3 430	2 380B	2 140B	24
25	2 780B	2 880B	2 870B	3 100B	4 830	5 080	5 710	3 780	3 830	3 400	2 [illegible]B	2 180B	25
26	2 800B	2 890B	3 880B	3 250B	4 770	5 020	5 590	3 780	3 810	3 340	2 300B	2 140B	26
27	2 820B	2 720B	2 890B	3 400B	4 880	5 020	5 380	3 810	3 840	3 120	2 280B	2 [illegible]B	27
28	2 840B	2 730B	2 880B	3 580B	4 800	4 880	5 290	3 800	3 810	2 880	3 340B	2 120B	28
29	2 880B	2 740B	2 870B	3 700B	4 880	4 880	5 280	3 780	3 810	2 880	2 400B	2 110B	29
30	2 880B		2 880B	3 780B	4 880	4 800	5 180	3 740	3 480	3 010	2 480B	2 100B	30
31	2 870B		2 880B		4 380		5 000	3 700		3 080		2 080B	31
TOTAL	85 870	78 460	83 120	87 310	134 780	145 390	183 890	130 180	105 800	103 880	80 280	72 380	TOTAL
MEAN	2 770	2 840	2 880	2 810	4 350	4 880	5 280	4 200	3 880	3 350	2 880	2 340	MEAN
MAX	2 870	2 880	2 780	3 780	5 000	5 480	5 830	4 840	3 810	3 580	3 150	2 800	MAX
MIN	2 710	2 470	2 840	2 870	3 780	4 200	4 480	3 700	3 380	2 880	2 200	2 080	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 470
MAXIMUM DAILY, 5 830 ON JUL 22
MINIMUM DAILY, 2 080B ON DEC 31
MAXIMUM INSTANTANEOUS,
6 010 AT 05:44 MST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 52 20 N
LONG 111 35 00 W
DRAINAGE AREA, 808 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 430 000	JUL	14 200 000
FEB	6 610 000	AUG	11 200 000
MAR	7 180 000	SEP	8 240 000
APR	7 540 000	OCT	8 880 000
MAY	11 600 000	NOV	6 940 000
JUN	12 800 000	DEC	6 250 000

TOTAL DISCHARGE, 110 000 000 dam³

SMOKY RIVER ABOVE HELLS CREEK - STATION NO. 07GA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	8.92B	13.3	56.6	131	173	112	74.8	84.0	28.4	---	1
2	---	---	8.83B	12.8	49.7	120	148	108	83.5	84.5	33.1	---	2
3	---	---	8.98B	12.7	46.2	116	180	107	86.4	48.8	31.8A	---	3
4	---	---	8.97B	13.3	43.3	130	136	123	87.1	47.8	---	---	4
5	---	---	8.98B	11.8	40.8	138	138	184	100	48.8	---	---	5
6	---	---	8.00B	12.0	43.2	188	142	140	108	48.7	---	---	6
7	---	---	8.05B	11.8	47.7	222	183	135	113	47.8	---	---	7
8	---	---	8.18B	11.3	57.7	287	183	122	78.2	46.0	---	---	8
9	---	---	8.28B	10.8	80.3	258	180	130	86.1	42.8	---	---	9
10	---	---	8.38B	11.8	112	220	145	144	88.4	42.8	---	---	10
11	---	---	8.80B	13.2	143	208	188	121	83.8	42.8	---	---	11
12	---	---	8.78B	12.8	183	184	178	108	81.3	42.7	---	---	12
13	---	---	8.80B	13.1	238	184	183	107	86.8	43.2	---	---	13
14	---	---	10.1 B	14.8	245	170	137	108	80.8	89.2	---	---	14
15	---	---	10.3 B	16.3	188	187	121	88.8	88.1	48.8	---	---	15
16	---	---	10.8 B	23.4	184	228	105	94.1	80.8	41.3	---	---	16
17	---	---	10.8 B	35.8	150	234	88.0	108	82.1	37.7	---	---	17
18	---	---	11.1 B	34.1	132	248	88.0	108	45.0	33.8	---	---	18
19	---	---	11.4 B	40.8	107	222	88.8	108	41.8	32.8	---	---	19
20	---	---	11.7 B	41.3	88.2	181	101	101	38.0	34.3	---	---	20
21	---	---	12.1 B	44.8	92.4	174	117	83.7	38.8	33.8	---	---	21
22	---	---	12.8 B	50.8	111	178	131	83.8	35.8	37.3	---	---	22
23	---	8.80B	13.0 B	52.8	182	204	113	88.7	33.4	35.7	---	---	23
24	---	8.82B	14.8 B	53.3	203	208	88.8	88.1	33.0	34.3	---	---	24
25	---	8.83B	13.8	50.8	182	177	108	103	30.8	32.4	---	---	25
26	---	8.85B	13.1	46.8	150	184	115	102	28.8	35.0	---	---	26
27	---	8.87B	12.8	47.2	139	218	137	88.0	28.7	30.8	---	---	27
28	---	8.88B	11.8	52.8	143	223	140	88.7	30.2	25.8	---	---	28
29	---	8.90B	11.8	58.2	182	221	117	108	38.1	22.8	---	---	29
30	---		12.1	62.0	148	230	120	108	74.8	31.2	---	---	30
31	---		12.4		138		118	80.8		28.4			31
TOTAL	---	---	336.85	880.0	3 844.3	5 827	4 018.4	3 402.8	1 780.7	1 247.1	---	---	TOTAL
MEAN	---	---	10.8	29.3	124	194	130	110	58.7	40.2	---	---	MEAN
MAX	---	---	14.8	62.0	245	287	178	184	113	84.0	---	---	MAX
MIN	---	---	8.82	10.8	40.8	116	88.0	80.8	28.7	22.8	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.0
MAXIMUM DAILY, 287 ON JUN 6
MINIMUM DAILY, 8.82B ON MAR 1
MAXIMUM INSTANTANEOUS,
278 AT 12:17 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 56 46 N
LONG 118 09 40 W
DRAINAGE AREA, 3 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	347 000
FEB	---	AUG	284 000
MAR	28 000	SEP	182 000
APR	78 000	OCT	108 000
MAY	332 000	NOV	---
JUN	503 000	DEC	---

TOTAL DISCHARGE, 1 840 000 dam³

SMOKY RIVER AT WATINO - STATION NO. 07EJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.28	32.48	36.18	88.88	286	424	763	197	184	88.8	85.88	34.08	1
2	32.18	32.48	38.78	77.68	286	406	711	195	139	92.3	77.78	34.88	2
3	32.28	28.38	40.28	101 B	285	388	682	169	128	102	82.08	35.88	3
4	30.88	26.18	42.68	112 B	236	380	622	186	126	132	79.78	35.08	4
5	29.48	26.28	42.48	117 B	213	350	496	178	132	120	82.18	35.68	5
6	28.08	26.88	42.28	121 B	200	391	455	187	137	111	81.38	34.88	6
7	27.88	28.28	41.88	117 B	190	459	456	222	142	105	78.18	31.88	7
8	27.68	30.48	44.18	112 B	185	841	650	206	145	103	87.68	28.68	8
9	28.28	30.88	46.88	107 B	191	756	702	200	154	100	71.08	28.38	9
10	29.88	30.78	47.48	108 B	211	881	896	187	139	96.8	69.38	31.68	10
11	31.78	31.58	48.88	116	294	870	512	189	133	93.6	82.18	32.38	11
12	32.88	32.28	51.48	116	430	1 180	598	208	113	90.0	86.48	28.78	12
13	32.48	32.68	52.88	117	542	1 510	886	193	105	88.7	84.08	27.68	13
14	32.78	32.68	88.08	124	673	1 220	782	177	87.4	87.3	46.78	24.78	14
15	33.28	32.38	57.78	132	721	989	885	170	88.0	88.2	44.98	24.88	15
16	33.88	32.38	58.38	140	851	874	858	185	101	84.7	42.88	38.48	16
17	33.88	32.38	66.28	170	847	818	483	184	106	92.1	40.18	26.18	17
18	33.38	32.08	63.38	213	813	776	382	187	107	93.5	38.88	28.48	18
19	34.08	32.18	63.18	238	488	726	338	165	101	87.7	37.88	27.78	19
20	34.68	32.48	62.88	261	436	708	289	172	84.0	84.0	36.48	26.08	20
21	34.98	34.88	62.88	286	382	634	271	174	88.5	80.0	35.88	25.08	21
22	34.88	36.48	64.28	267	382	654	268	188	86.0	76.7	34.68	24.68	22
23	34.58	37.88	58.88	272	333	485	286	180	82.0	80.4	34.18	26.18	23
24	34.38	37.88	53.88	288	378	478	258	150	78.2	82.6	33.28	24.38	24
25	33.88	37.88	70.88	288	631	492	237	148	77.0	81.0	35.88	24.18	25
26	33.08	38.08	73.78	248	492	477	210	154	74.5	82.8	36.88	23.88	26
27	33.18	37.88	73.88	226	448	424	212	157	72.4	83.2	36.48	24.18	27
28	33.98	36.88	75.78	224	428	443	221	156	71.6	88.3	34.38	23.88	28
29	34.38	34.08	73.08	220	411	478	232	181	70.3	82.38	34.88	23.78	29
30	33.18		70.88	234	431	848	231	148	69.1	88.08	34.78	23.38	30
31	32.88		70.18		480		204	180		84.88		23.38	31
TOTAL	1 004.8	848.0	1 888.5	5 132.1	12 186	18 730	13 741	5 426	3 211.0	2 870.4	1 662.3	871.5	TOTAL
MEAN	32.4	32.7	84.8	171	383	888	443	175	107	82.6	82.1	28.1	MEAN
MAX	34.9	36.0	75.7	272	721	1 510	782	222	184	182	82.1	38.8	MAX
MIN	27.8	26.2	38.1	88.8	188	380	204	148	88.1	84.8	33.2	23.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 187
MAXIMUM DAILY, 1 510 ON JUN 13
MINIMUM DAILY, 23.38 ON DEC 30
MAXIMUM INSTANTANEOUS,
1 580 AT 05:00 MST ON JUN 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 42 56 N
LONG 117 37 18 W
DRAINAGE AREA, 50 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	86 800	JUL	1 190 000
FEB	82 000	AUG	488 000
MAR	147 000	SEP	277 000
APR	443 000	OCT	248 000
MAY	1 080 000	NOV	135 000
JUN	1 700 000	DEC	75 300

TOTAL DISCHARGE, 5 800 000 dam³

SNAKE CREEK NEAR VULCAN - STATION NO. 05AC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.0018	0.045	0	0	0	0	0	0	0	---	1
2	---	0 B	0.0018	0.036	0	0	0	0	0	0	0	---	2
3	---	0 B	0.0018	0.025	0	0	0	0	0	0	0A	---	3
4	---	0 B	0.0018	0.048	0	0	0	0	0	0	---	---	4
5	---	0 B	0.0018	0.053	0	0	0	0	0	0	---	---	5
6	---	0 B	0.0018	0.034	0	0	0	0	0	0	---	---	6
7	---	0 B	0.0018	0.031	0	0	0	0	0	0	---	---	7
8	---	0 B	0.0018	0.043	0	0.005	0	0	0	0	---	---	8
9	---	0 B	0.0018	0.038	0	0.001	0	0	0	0	---	---	9
10	---	0 B	0.0018	0.018	0	0	0	0	0	0	---	---	10
11	---	0 B	0.0018	0.004	0	0	0	0	0	0	---	---	11
12	---	0 B	0 B	0.002	0	0	0	0	0	0	---	---	12
13	---	0 B	0.0018	0.002	0	0	0	0	0	0	---	---	13
14	---	0 B	0.0018	0.001	0	0	0	0	0	0	---	---	14
15	---	0 B	0 B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0 B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0 B	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0 B	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0.0018	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0.0038	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0.0428	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.0388	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.0478	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.0848	0	0	0	0	0	0	0	---	---	24
25	---	0.0018	0.0518	0	0	0	0	0	0	0	---	---	25
26	0B	0.0018	0.0548	0	0	0	0	0	0	0	---	---	26
27	0B	0.0018	0.0758	0	0	0	0	0	0	0	---	---	27
28	0B	0.0018	0.0348	0	0	0	0	0	0	0	---	---	28
29	0B	0.0018	0.0278	0	0	0	0	0	0	0	---	---	29
30	0B		0.0288	0	0	0	0	0	0	0	---	---	30
31	0B		0.0188		0		0	0		0		---	31
TOTAL	---	0.005	0.491	0.374	0	0.007	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.018	0.013	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.001	0.075	0.053	0	0.005	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.0758 ON MAR 27
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.128 AT 11:50 MST ON MAR 27

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 20 N
LONG 113 54 48 W
DRAINAGE AREA, 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.43	AUG	0
MAR	42.4	SEP	0
APR	33.3	OCT	0
MAY	0	NOV	---
JUN	0.86	DEC	---

TOTAL DISCHARGE, 76.7 dam³

SNAKE INDIAN RIVER NEAR THE MOUTH - STATION NO. 07AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	15.8E	39.1	58.2	32.1	23.3	22.7	0.60B	---	1
2	---	---	---	---	15.0E	35.4	47.4	34.2	23.6	20.8	10.2 B	---	2
3	---	---	---	---	14.5A	32.8	46.5	32.3	23.6	19.5	10.1 B	---	3
4	---	---	---	---	13.5	34.8	45.1	32.6	25.0	18.5	10.0 B	---	4
5	---	---	---	---	13.2	38.1	44.8	37.8	26.2	18.2	9.90B	---	5
6	---	---	---	---	12.8	44.3	48.4	43.1	27.8	17.9	9.60B	---	6
7	---	---	---	---	13.0	58.8	50.3	48.3	30.8	17.5	9.30B	---	7
8	---	---	---	---	14.2	65.8	49.8	41.2	28.9	16.9	9.01B	---	8
9	---	---	---	---	18.5	65.7	47.5	37.8	22.4	16.4	---	---	9
10	---	---	---	---	28.9	71.7	46.1	38.0	20.4	16.0	---	---	10
11	---	---	---	---	38.7	82.5	49.0	38.0	18.8	15.8	---	---	11
12	---	---	---	---	49.1	84.8	56.5	31.2	17.6	15.7	---	---	12
13	---	---	---	---	55.8	68.8	53.1	28.8	17.6	15.6	---	---	13
14	---	---	---	---	57.6	67.1	48.7	29.2	18.8	16.1	---	---	14
15	---	---	---	---	53.2	58.4	41.8	28.3	19.8	17.2	---	---	15
16	---	---	---	---	44.0	57.6	37.1	28.5	21.2	15.8	---	---	16
17	---	---	---	---	41.1	72.7	33.0	35.9	20.3	14.6	---	---	17
18	---	---	---	---	37.5	76.5	30.2	36.2	18.5	13.8	---	---	18
19	---	---	---	---	31.8	73.7	29.1	32.3	17.6	13.5	---	---	19
20	---	---	---	---	27.8	65.6	31.7	29.9	17.0	13.4	---	---	20
21	---	---	---	---	25.6	58.6	36.2	27.8	16.3	13.4	---	---	21
22	---	---	---	---	28.0	56.1	38.7	26.1	15.6	13.6	---	---	22
23	---	---	---	---	44.8	54.6	37.8	24.5	15.2	13.4 A	---	---	23
24	---	---	---	---	55.2	55.6	33.7	25.7	14.8	12.7 E	---	---	24
25	---	---	---	---	48.8	58.1	31.3	27.1	14.6	12.0 E	---	---	25
26	---	---	---	---	43.4	58.7	33.5	27.4	14.3	11.3 E	---	---	26
27	---	---	---	---	39.9	66.9	37.8	27.0	14.2	10.5 E	---	---	27
28	---	---	---	---	38.6	76.6	40.5	28.6	14.1	9.83B	---	---	28
29	---	---	---	---	44.0	71.1	36.4	27.7	13.8	9.11B	---	---	29
30	---		---	---	43.3	68.6	32.1	31.1	18.2	8.40B	---	---	30
31	---		---		42.3		31.7	27.6		8.00B		---	31
TOTAL	---	---	---	---	1 087.9	1 807.5	1 278.0	967.6	588.0	489.24	---	---	TOTAL
MEAN	---	---	---	---	36.4	60.3	41.3	31.9	19.6	16.8	---	---	MEAN
MAX	---	---	---	---	57.6	65.6	58.5	48.3	30.8	22.7	---	---	MAX
MIN	---	---	---	---	12.8	32.8	29.1	24.5	13.8	8.40	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.8
MAXIMUM DAILY, 88.8 ON JUN 8
MINIMUM DAILY, 8.40B ON OCT 30
MAXIMUM INSTANTANEOUS,
89.8 AT 13:22 MST ON JUN 8

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 09 28 N
LONG 118 01 58 W
DRAINAGE AREA, 1 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	111 000
FEB	---	AUG	85 300
MAR	---	SEP	50 900
APR	---	OCT	39 700
MAY	82 300	NOV	---
JUN	155 000	DEC	---

TOTAL DISCHARGE, 636 000 dam³

SOUNDING CREEK NEAR CHINOOK - STATION NO. 05EA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0.001B	0	0	0	0	0	0	0	---	---	12
13	---	---	0.001B	0	0	0	0	0	0	0	---	---	13
14	---	---	0.001B	0	0	0	0	0	0	0	---	---	14
15	---	---	0.001B	0	0	0	0	0	0	0	---	---	15
16	---	---	0.001B	0	0	0	0	0	0	0	---	---	16
17	---	---	0.002B	0	0	0	0	0	0	0	---	---	17
18	---	---	0.003B	0	0	0	0	0	0	0	---	---	18
19	---	---	0.003B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.004B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.004B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.003B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.003B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.002B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.001B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.001B	0	0	0	0	0	0	0	---	---	26
27	---	---	0 B	0	0	0	0	0	0	0	---	---	27
28	---	---	0 B	0	0	0	0	0	0	0	---	---	28
29	---	---	0 B	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0A		---	31
TOTAL	---	---	0.031	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.004	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.004B ON MAR 20
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 52 N
LONG 110 55 11 W
DRAINAGE AREA, 2 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2.68	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2.68 dam³

SOUNDING CREEK NEAR OYEN - STATION NO. 05AA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0.012	0	0	0	0	0	0	0	---	---	18
19	---	0	0.028	0	0	0	0	0	0	0	---	---	19
20	---	0	0.018	0	0	0	0	0	0	0	---	---	20
21	---	0	0.014	0	0	0	0	0	0	0	---	---	21
22	---	0	0.011	0	0	0	0	0	0	0	---	---	22
23	---	0	0.008	0	0	0	0	0	0	0	---	---	23
24	---	0	0.006	0	0	0	0	0	0	0	---	---	24
25	---	0	0.003	0	0	0	0	0	0	0	---	---	25
26	---	0	0.002	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.102	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.003	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.028	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.028 ON MAR 19
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.032 AT 03:31 MST ON MAR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 05 N
LONG 110 26 25 W
DRAINAGE AREA, 3 000 km²

REGULATED

REMARKS - BEAVER ACTIVITY AFFECTED THE ACCURACY OF PEAK FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	8.81	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 8.81 dam³

SOUSA CREEK NEAR HIGH LEVEL - STATION NO. 07DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.074B	0.062B	7.80	7.08	12.1	5.09	0.775	0.252	---	---	1
2	---	---	0.074B	0.060B	7.84	7.67	20.3	4.84	0.675	0.248	---	---	2
3	---	---	0.076B	0.057B	7.29	7.76	33.2	4.26	0.628	0.251	---	---	3
4	---	---	0.075B	0.058B	7.09	7.41	34.4	4.07	0.589	0.248	---	---	4
5	---	---	0.075B	0.053B	7.31	8.79	33.7	4.27	0.648	0.251	---	---	5
6	---	---	0.078B	0.051B	7.58	8.33	29.9	4.04	0.613	0.258	---	---	6
7	---	---	0.076B	0.049B	7.82	8.04	25.7	3.74	0.460	0.256	---	---	7
8	---	---	0.077B	0.047B	8.23	8.78	22.1	3.42	0.426	0.247	---	---	8
9	---	---	0.077B	0.056B	8.01	8.85	19.2	3.16	0.383	0.237	---	---	9
10	---	---	0.078B	0.062B	8.57	8.83	17.0	2.93	0.352	0.230	---	---	10
11	---	---	0.085B	0.085B	9.72	11.0	15.4	2.75	0.330	0.226	---	---	11
12	---	---	0.090B	0.098B	8.60	13.0	13.8	2.60	0.308	0.221	---	---	12
13	---	---	0.088B	0.182B	9.20	15.6	12.8	2.43	0.272	0.221	---	---	13
14	---	---	0.080B	0.832B	8.82	15.4	12.3	2.41	0.261	0.224	---	---	14
15	---	---	0.068B	2.37 B	8.31	14.8	12.0	2.29	0.248	0.234	---	---	15
16	---	---	0.080B	5.00 B	7.79	14.0	11.8	2.15	0.240	0.251	---	---	16
17	---	---	0.070B	5.88 B	7.41	12.9	11.8	2.01	0.238	0.271	---	---	17
18	---	---	0.070B	7.74 B	7.00	11.9	11.8	1.92	0.237	0.268	---	---	18
19	---	---	0.075B	8.42 B	8.48	10.8	11.5	1.80	0.237A	0.261	---	---	19
20	---	---	0.082B	8.18 B	8.08	9.14	11.1	1.68	0.241A	0.290	---	---	20
21	---	---	0.082B	8.13 B	5.75	7.84	10.8	1.61	0.248A	0.313B	---	---	21
22	---	0.071B	0.080B	7.91 B	5.37	8.86	10.1	1.76	0.249A	0.322B	---	---	22
23	---	0.071B	0.078B	7.73 B	5.08	8.30	9.88	1.61	0.253A	0.326B	---	---	23
24	---	0.072B	0.078B	7.42 B	4.83	8.83	9.43	1.48	0.256A	0.322B	---	---	24
25	---	0.072B	0.076B	7.40	4.75	8.30	8.77	1.38	0.262A	0.295B	---	---	25
26	---	0.073B	0.073B	7.56	4.49	4.80	8.06	1.24	0.268A	0.303B	---	---	26
27	---	0.073B	0.071B	7.48	4.34	4.89	7.26	1.11	0.285	0.305B	---	---	27
28	---	0.073B	0.068B	7.12	4.30	4.43	8.04	1.07	0.362	0.340B	---	---	28
29	---	0.074B	0.067B	6.88	4.58	4.33	8.12	1.00	0.358	0.397B	---	---	29
30	---		0.065B	7.11	5.84	5.81	8.78	0.935	0.368	0.440B	---	---	30
31	---		0.063B		5.40		8.45	0.883		0.515B		---	31
TOTAL	---	---	2.378	114.58B	215.85	253.68	459.70	78.128	10.537	8.874	---	---	TOTAL
MEAN	---	---	0.077	3.82	6.96	8.46	14.8	2.48	0.351	0.286	---	---	MEAN
MAX	---	---	0.085	8.42	9.72	15.6	34.4	5.09	0.775	0.515	---	---	MAX
MIN	---	---	0.063	0.047	4.30	4.33	8.45	0.883	0.237	0.221	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.66
MAXIMUM DAILY, 34.4 ON JUL 4
MINIMUM DAILY, 0.047B ON APR 6
MAXIMUM INSTANTANEOUS,
34.7 AT 04:30 MST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 35 29 N
LONG 116 28 35 W
DRAINAGE AREA, 819 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38 700
FEB	---	AUG	8 580
MAR	285	SEP	810
APR	8 800	OCT	787
MAY	18 800	NOV	---
JUN	21 900	DEC	---

TOTAL DISCHARGE, 98 800 dam³

SOUTH FORK MILK RIVER NEAR BABB - STATION NO. 11AA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8808	1.138	1.42	1.73	0.386	0.051	0.018	0.138	---	---	1
2	---	---	0.8238	1.87	1.22	1.22	0.340	0.037	0.017	0.133	---	---	2
3	---	---	0.8988	2.38	1.06	0.881	0.283	0.023	0.015	0.133	---	---	3
4	---	---	0.8688	1.73	1.06	0.834	0.283	0.021	0.012	0.138	---	---	4
5	---	---	0.8388	1.22	1.27	0.883	0.426	0.031	0.011	0.138	---	---	5
6	---	---	0.8108	2.10	2.10	0.881	0.566	0.037	0.010	0.144	---	---	6
7	---	---	0.4618	5.88	2.83	0.834	0.453	0.037	0.008	0.181	---	---	7
8	---	---	0.4818	2.92	2.56	1.16	0.386	0.027	0.007	0.144	---	---	8
9	---	---	0.5388	1.73	1.90	1.39	0.283	0.031	0.006	0.153	---	---	9
10	---	---	0.8108	1.30	1.53	1.06	0.252	0.026	0.003	0.127	---	---	10
11	---	---	0.4288	1.87	1.42	0.821	0.236	0.028	0.003	0.144	---	---	11
12	---	---	0.3988	2.10	1.36	0.708	0.235	0.034	0.034	0.144	---	---	12
13	---	---	0.3688	2.21	1.30	0.738	0.212	0.037	0.082	0.142	---	---	13
14	---	---	0.3988	2.01	1.25	0.821	0.190	0.037	0.082	0.144	---	---	14
15	---	---	0.3688	2.10	1.13	0.821	0.187	0.040	0.074	0.150	---	---	15
16	---	---	0.3408	2.44	1.08	0.880	0.187	0.040	0.071	0.264	---	---	16
17	---	---	0.3988	2.49	1.02	0.566	0.161	0.040	0.065	0.453	---	---	17
18	---	---	0.5108	2.35	0.991	0.453	0.173	0.040	0.110	0.398	---	---	18
19	---	---	0.7858	2.89	0.963	0.426	0.173	0.034	0.150	0.283	---	---	19
20	---	---	0.8818	2.21	0.934	0.398	0.176	0.031	0.176	0.229	---	---	20
21	---	---	1.27 B	1.87	0.878	0.340	0.161	0.034	0.161	0.196	---	---	21
22	---	---	1.10 B	1.78	0.878	0.340	0.139	0.040	0.136	0.181	---	---	22
23	---	---	0.8508	1.81	0.880	0.340	0.113	0.037	0.122	0.176	---	---	23
24	---	---	0.8518	1.70	0.783	0.311	0.098	0.031	0.116	0.181	---	---	24
25	---	---	0.8888	1.73	0.906	0.278	0.091	0.028	0.119	0.181	---	---	25
26	---	---	0.7358	1.70	0.883	0.283	0.078	0.028	0.127	0.198	---	---	26
27	---	---	0.8818	1.70	0.880	0.340	0.088	0.034	0.144	0.244	---	---	27
28	---	---	0.9068	1.73	0.821	0.368	0.068	0.042	0.176	0.280	---	---	28
29	---	---	0.8218	1.84	0.880	0.426	0.064	0.037	0.173	0.262	---	---	29
30	---		0.7838	1.53	0.834	0.481	0.064	0.031	0.153	0.240	---	---	30
31	---		0.8508		1.81		0.057	0.024		0.453		---	31
TOTAL	---	---	20.011	61.24	38.981	21.323	8.872	1.060	2.418	8.627	---	---	TOTAL
MEAN	---	---	0.646	2.04	1.26	0.711	0.212	0.034	0.081	0.207	---	---	MEAN
MAX	---	---	1.27	5.88	2.83	1.73	0.566	0.051	0.176	0.453	---	---	MAX
MIN	---	---	0.340	1.13	0.783	0.278	0.064	0.021	0.003	0.127	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.865
MAXIMUM DAILY, 5.88 ON APR 7
MINIMUM DAILY, 0.003 ON SEP 10
MAXIMUM INSTANTANEOUS,
6.77 AT 04:00 MST ON APR 7

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 16 N
LONG 113 10 00 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	888
FEB	---	AUG	90.7
MAR	1 730	SEP	209
APR	5 290	OCT	855
MAY	3 370	NOV	---
JUN	1 840	DEC	---

TOTAL DISCHARGE, 13 700 dam³

SOUTH HEART RESERVOIR NEAR MCLENNAN - STATION NO. 07DF006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.171	3.181	3.281	3.848	3.822	3.888	3.894	3.835	3.787	---	1
2	---	---	3.170	3.185	3.304	3.854	3.848	3.848	3.888	3.832	3.787	---	2
3	---	---	3.170	3.178	3.318	3.885	3.888	3.845	3.909	3.827	3.788A	---	3
4	---	---	3.167	3.184	3.331	3.874	3.892	3.837	3.887	3.823	---	---	4
5	---	---	3.167	3.186	3.326	3.877	3.914	3.851	3.891	3.830	---	---	5
6	---	---	3.164	3.192	3.312	3.888	3.898	3.859	3.888	3.821	---	---	6
7	---	---	3.159	3.194	3.315	3.883	3.894	3.856	3.888	3.814	---	---	7
8	---	---	3.156	3.198	3.314	3.879	4.037	3.863	3.871	3.809	---	---	8
9	---	---	3.154	3.200	3.328	3.886	4.088	3.851	3.874	3.812	---	---	9
10	---	---	3.154	3.206	3.328	3.831	4.131	3.861	3.889	3.813	---	---	10
11	---	---	3.154	3.210	3.321	3.850	4.177	3.877	3.888	3.811	---	---	11
12	---	---	3.154	3.217	3.327	3.869	4.232	3.878	3.881	3.809	---	---	12
13	---	---	3.153	3.226	3.324	3.714	4.309	3.886	3.880	3.808	---	---	13
14	---	---	3.151	3.228	3.308	3.766	4.336	3.884	3.882	3.788	---	---	14
15	---	---	3.148	3.233	3.340	3.818	4.367	3.893	3.889	3.787	---	---	15
16	---	---	3.148	3.238	3.382	3.854	4.380	3.886	3.886	3.784	---	---	16
17	---	---	3.147	3.246	3.381	3.886	4.400	3.903	3.881	3.787	---	---	17
18	---	---	3.144	3.250	3.375	3.912	4.414	3.910	3.882	3.788	---	---	18
19	---	---	3.143	3.262	3.389	3.914	4.421	3.917	3.886	3.788	---	---	19
20	---	---	3.140	3.281	3.404	3.868	4.406	3.930	3.844	3.785	---	---	20
21	---	---	3.140	3.280	3.426	3.867	4.388	3.917	3.838	3.785	---	---	21
22	---	---	3.141	3.285	3.454	3.862	4.314	3.916	3.837	3.789	---	---	22
23	---	---	3.148	3.298	3.442	3.826	4.287	3.915	3.848	3.790	---	---	23
24	---	---	3.148	3.286	3.448	3.880	4.248	3.922	3.842	3.790	---	---	24
25	---	---	3.148	3.288	3.470	3.890	4.188	3.923	3.842	3.784	---	---	25
26	---	3.178A	3.148	3.288	3.488	3.881	4.138	3.920	3.838	3.778	---	---	26
27	---	3.178	3.148	3.288	3.506	3.838	4.082	3.919	3.838	3.788	---	---	27
28	---	3.173	3.152	3.298	3.523	3.808	4.034	3.918	3.832	3.789	---	---	28
29	---	3.178	3.156	3.288	3.516	3.811	3.986	3.918	3.802	3.780	---	---	29
30	---		3.156	3.288	3.529	3.781	3.963	3.894	3.818	3.781	---	---	30
31	---		3.157		3.541		3.920	3.888		3.782		---	31
MEAN	---	---	3.153	3.238	3.387	3.784	4.148	3.888	3.858	3.802	---	---	MEAN
MAX	---	---	3.171	3.288	3.541	3.867	4.421	3.923	3.909	3.832	---	---	MAX
MIN	---	---	3.140	3.181	3.281	3.848	3.822	3.837	3.802	3.778	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 4.421 ON JUL 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 50 N
LONG 115 35 50 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
2 050 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 822.050 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SOUTH SASKATCHEWAN RIVER AT HIGHWAY NO. 41 - STATION NO. 05AK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.0B	83.8B	89.0B	78.8	51.8	87.8	72.1	32.8	31.8	23.8	114	40.8B	1
2	44.0B	82.0B	70.8B	88.2	42.1	73.2	88.4	33.8	28.2	23.2	117	80.8B	2
3	43.8B	88.0B	73.0B	87.2	36.8	78.3	100	33.8	28.8	21.8	112	47.8B	3
4	42.0B	86.0B	78.8B	83.8	37.8	84.1	88.8	36.8	28.4	22.1	108	51.7B	4
5	40.0B	83.8B	77.8B	87.3	41.8	86.8	114	42.1	31.8	20.8	103	83.0B	5
6	38.0B	81.0B	78.8B	81.3	42.8	82.3	138	44.1	38.7	20.8	88.3	88.0B	6
7	38.8B	48.0B	81.8B	81.8	38.1	88.3	138	107	31.8	18.8	88.8	73.0B	7
8	38.0B	46.2B	84.8B	84.3	38.3	87.4	88.3	88.0	27.8	28.3	87.4	78.0B	8
9	34.8B	47.8B	88.8B	77.8	37.4	88.0	78.2	70.4	28.7	33.1	88.8	83.0B	9
10	34.3B	47.8B	87.8B	82.3	38.7	108	83.7	80.1	28.2	34.4	88.8	88.0B	10
11	34.7B	47.8B	88.0B	83.2	37.7	181	82.0	48.4	27.8	38.7	82.3	42.0B	11
12	37.0B	47.8B	88.8B	83.4	38.2	224	73.8	48.8	27.8	33.8	84.3	47.0B	12
13	41.0B	47.8B	88.1B	78.8	38.8	288	88.0	84.3	40.8A	31.2	78.8	82.0B	13
14	47.0B	47.8B	88.2B	81.8	38.1	283	78.8	83.7	88.1A	28.0	88.8B	88.0B	14
15	82.0B	48.0B	83.0B	77.8	44.7	273	88.8	43.8	81.8	28.4	82.1B	83.0B	15
16	87.0B	48.8B	78.8B	81.7	48.8	273	84.1	82.8A	84.3A	27.8	88.8B	87.0B	16
17	87.8B	48.8B	78.8B	48.1	87.8	248	88.3	82.8A	88.1	24.8	87.0B	80.0B	17
18	88.0B	80.2B	73.8B	37.7	128	203	80.7	73.7	81.1	21.8	83.0B	43.8B	18
19	88.0B	81.2B	74.2B	30.8	117	180	44.8	84.2	88.4A	21.8	78.8B	48.0B	19
20	88.0B	82.0B	82.0B	31.2	104	128	83.8	44.4	88.3E	23.1	78.0B	48.0B	20
21	88.8B	83.8B	80.8B	33.4	81.0	108	84.0	38.8	75.0E	28.0	71.0B	48.8B	21
22	88.0B	84.8B	88.8B	31.4	88.4	107	82.8	36.8	88.8A	44.1	88.8B	47.0B	22
23	80.0B	88.0B	102 B	33.8	82.8	131	48.4	88.1	87.0	78.4	88.8B	44.8B	23
24	81.0B	87.8B	108 B	81.8	80.8	133	40.8	83.8	80.2	84.3	88.8B	42.0B	24
25	82.0B	88.8B	84.2B	81.0	71.8	122	37.1	82.3	44.0	88.7	72.0B	38.8B	25
26	83.0B	81.8B	87.1	48.4	84.8	112	38.8	83.3	35.8	83.7	78.2B	37.4B	26
27	84.0B	83.8B	78.7	88.7	81.3	100	34.8	88.3	30.7	87.8	72.0B	38.0B	27
28	84.0B	85.8B	78.3	82.0	82.3	88.8	34.8	88.1	28.1	101	88.8B	32.8B	28
29	84.2B	87.0B	88.3	88.8	81.0	80.1	38.7	80.3	28.0	102	82.8B	32.0B	29
30	85.0B		84.3	87.8	81.4	88.2	34.8	44.8	24.8	107	84.8B	40.0B	30
31	84.8B		88.8		72.1		32.8	38.1		114		80.0B	31
TOTAL	1 877.8	1 886.2	2 807.8	1 980.2	1 837.1	4 148.1	2 071.3	1 880.1	1 441.8	1 408.1	2 835.2	1 877.4	TOTAL
MEAN	80.8	84.0	84.1	88.3	82.8	138	88.8	84.8	48.1	48.4	84.8	80.8	MEAN
MAX	88.0	87.0	108	81.8	128	282	138	107	81.8	114	117	83.0	MAX
MIN	34.3	47.8	88.0	30.8	38.2	88.2	32.8	32.8	24.8	18.8	34.8	32.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.0
MAXIMUM DAILY, 282 ON JUN 14
MINIMUM DAILY, 18.8 ON OCT 7
MAXIMUM INSTANTANEOUS,
305 AT 17:17 MST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 15 N
LONG 110 05 45 W
DRAINAGE AREA, 88 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	138 000	JUL	178 000
FEB	135 000	AUG	148 000
MAR	225 000	SEP	125 000
APR	188 000	OCT	121 000
MAY	187 000	NOV	219 000
JUN	384 000	DEC	138 000

TOTAL DISCHARGE, 2 120 000 dam³

SOUTH SASKATCHEWAN RIVER AT MEDICINE HAT - STATION NO. 05AJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.8B	89.0B	73.0B	78.2	30.3	77.4	88.4	30.8	33.6	18.7	114	47.8B	1
2	42.0B	88.0B	78.8B	77.7	22.3A	82.8	82.3	38.8	33.2	18.4	110	81.7B	2
3	40.0B	83.8B	77.8B	78.0	31.8A	82.4	88.8	40.2	31.8	18.1	107	82.8B	3
4	38.0B	81.0B	78.8B	81.8	31.2	88.2	112	42.8	33.1	17.8	104	88.0B	4
5	38.8B	48.0B	81.8B	83.8	28.0	84.8	131	71.8	28.7	17.8	104	73.0B	5
6	35.0B	48.2B	84.8B	78.8	28.8	81.8	113	120	26.7	28.4	100	78.0B	6
7	34.8B	47.8B	88.8B	77.8	30.1	88.8	78.3	74.8	32.8	31.3	102	83.0B	7
8	34.3B	47.8B	87.8B	82.8	32.0	88.4	78.1	82.1	24.0	32.8	88.8	88.0B	8
9	34.7B	47.8B	88.0B	83.3	28.8	108	80.8	48.8	33.8	32.4	88.8	42.0B	9
10	37.0B	47.8B	88.0B	84.4	28.8	188	78.4	44.7	34.3	31.2	80.7	47.0B	10
11	41.0B	47.8B	88.1B	81.4	30.8	222	84.0	87.8	34.3	28.8	82.7	82.0B	11
12	47.0B	47.8B	88.2B	81.3	37.4	280	78.8	82.3	43.2	26.8	88.8	84.0B	12
13	82.0B	48.0B	83.0B	82.8	43.0	280	71.4	40.8	80.8	26.8	82.1	82.0B	13
14	87.0B	48.8B	78.8B	88.3	43.4	282	88.8	34.2	88.8	27.1	88.8	87.0B	14
15	87.8B	48.8B	78.8B	48.1	81.8	283	80.3	44.2	85.8	24.0	87.0B	80.0B	15
16	88.6B	80.3B	73.8B	33.8	113	232	81.8	78.8	88.8	22.0	83.0B	43.8B	16
17	88.0B	81.3B	74.2B	28.8	118	181	42.1	82.2	88.8	23.7	78.8B	48.0B	17
18	88.0B	82.0B	82.0B	28.8	104	148	82.8	40.0	83.4	28.0	78.0B	48.0B	18
19	88.8B	83.8B	80.8B	30.0	80.4	114	84.8	38.3	88.8	28.4	71.0B	48.8B	19
20	88.0B	84.8B	88.8	28.4	84.1	108	84.8	33.8	88.8	37.4	88.8B	47.0B	20
21	80.0B	88.0B	102	28.4	82.2	108	48.1	80.8	87.8	88.8	88.8B	44.8B	21
22	81.0B	87.8B	108	48.2	88.7	138	40.4	87.8	48.1	88.8	88.8B	42.0B	22
23	82.0B	88.8B	84.2	42.0	74.2	122	38.8	81.4	38.8	71.8	72.0B	38.8B	23
24	83.0B	81.8B	80.8	38.8	88.8	118	34.2	88.1	38.1	78.0	78.2B	37.4B	24
25	84.0B	83.8B	78.4	84.7	83.2	107	32.0	78.3	24.8	88.8	72.0B	38.0B	25
26	84.0B	85.8B	74.4	81.8	83.0	88.8	33.1	88.2	22.8	104	88.8B	33.8B	26
27	84.2B	87.0B	82.8	48.8	74.8	88.8	34.3	48.8	21.8	108	82.8B	32.0B	27
28	88.0B	88.0B	83.4	48.1	82.0	80.8	32.3	42.1	21.8	107	84.8B	40.0B	28
29	84.8B	70.8B	82.4	38.3	74.8	88.2	31.3	33.4	20.8	118	48.8B	80.0B	29
30	83.8B		77.8	84.7	88.2	78.1	31.8	28.8	20.3	113	88.8B	87.0B	30
31	82.0B		78.1		71.2		31.3	33.8		118		88.8B	31
TOTAL	1 818.8	1 880.0	2 814.8	1 733.1	1 841.8	4 818.8	1 834.0	1 880.8	1 338.3	1 881.8	2 448.8	1 888.8	TOTAL
MEAN	82.1	84.8	84.4	87.8	88.4	134	82.4	81.2	44.8	81.2	81.8	81.8	MEAN
MAX	88.0	70.8	108	84.4	118	288	131	128	88.8	118	114	83.0	MAX
MIN	34.3	47.8	73.0	24.7	28.2	88.8	31.2	28.8	28.2	17.8	34.8	32.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.2
MAXIMUM DAILY, 288 ON JUN 12
MINIMUM DAILY, 17.8 ON OCT 4
MAXIMUM INSTANTANEOUS,
292 AT 18:28 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 38 N
LONG 110 40 40 W
DRAINAGE AREA, 88 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	140 000	JUL	187 000
FEB	137 000	AUG	137 000
MAR	226 000	SEP	118 000
APR	180 000	OCT	136 000
MAY	188 000	NOV	211 000
JUN	347 000	DEC	138 000

TOTAL DISCHARGE, 2 070 000 dam³

SOUTH WABASCA LAKE NEAR DESMARAIS - STATION NO. 07JA003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.282A	0.230	0.273	0.437	0.681	1.884	1.369	0.884	0.888	---	1
2	---	---	---	0.228	0.276	0.458	0.853	1.873	1.320	0.888	0.880A	---	2
3	---	---	---	0.230	0.284	0.480	0.846	1.887	1.280	0.847	---	---	3
4	---	---	---	0.236	0.298	0.500	0.856	1.847	1.258	0.826	---	---	4
5	---	---	---	0.233	0.297	0.518	0.887	1.831	1.238A	0.810	---	---	5
6	---	---	---	0.232	0.288	0.945	0.881	1.818	1.214A	0.788	---	---	6
7	---	---	---	0.241	0.277	0.581	0.870	1.805	1.188A	0.766	---	---	7
8	---	---	---	0.248	0.278	0.581	1.132	1.884	1.167A	0.761	---	---	8
9	---	---	---	0.247	0.281	0.582	1.324	1.878	1.178	0.770	---	---	9
10	---	---	---	0.248	0.288	0.622	1.447	1.888	1.181	0.788	---	---	10
11	---	---	---	0.248	0.283	0.610	1.500	1.858	1.143A	0.751	---	---	11
12	---	---	---	0.243	0.284	0.661	1.526	1.844	1.122A	0.741	---	---	12
13	---	---	---	0.244	0.320	0.708A	1.570	1.827	1.104A	0.733	---	---	13
14	---	---	---	0.242	0.377	0.807A	1.606	1.821	1.088A	0.726	---	---	14
15	---	---	---	0.236	0.316	0.867A	1.630	1.811	1.071A	0.706	---	---	15
16	---	---	---	0.237	0.338	0.857	1.653	1.804	1.058	0.705	---	---	16
17	---	---	---	0.237	0.335	0.876	1.678	1.880	1.049	0.894	---	---	17
18	---	---	---	0.247	0.364	0.886	1.696	1.471	1.038A	0.883	---	---	18
19	---	---	---	0.253	0.377	0.884	1.714	1.474	1.010A	0.871	---	---	19
20	---	---	---	0.252	0.388	0.880	1.721	1.465	0.988A	0.883	---	---	20
21	---	---	---	0.248	0.388	0.883A	1.724	1.447	0.987A	0.880	---	---	21
22	---	---	---	0.252	0.408	0.881	1.714	1.437	1.038	0.834	---	---	22
23	---	---	---	0.248	0.400	0.868	1.738	1.430	1.028	0.883	---	---	23
24	---	---	---	0.248	0.401	0.885	1.734	1.421	1.012	0.843	---	---	24
25	---	---	0.234A	0.258	0.408	0.884	1.728	1.418	1.000	0.842	---	---	25
26	---	---	0.235	0.258	0.400	0.885	1.727	1.414	0.977A	0.804	---	---	26
27	---	---	0.233	0.264	0.417	0.880	1.726	1.418	0.938A	0.818	---	---	27
28	---	---	0.233	0.258	0.437	0.849	1.716	1.408	0.902A	0.811	---	---	28
29	---	---	0.231	0.264	0.402	0.851	1.712	1.403	0.888	0.802	---	---	29
30	---		0.232	0.262	0.388	0.848	1.701	1.402	0.859	0.888	---	---	30
31	---		0.232		0.411		1.688	1.381		0.800		---	31
MEAN	---	---	---	0.245	0.340	0.730	1.459	1.613	1.089	0.712	---	---	MEAN
MAX	---	---	---	0.258	0.437	0.880	1.735	1.884	1.369	0.884	---	---	MAX
MIN	---	---	---	0.228	0.258	0.437	0.846	1.381	0.859	0.595	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.735 ON JUL 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 56 23 N
LONG 113 48 18 W

A - MANUAL GAUGE

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA,
1 800 km²

SPRAY POWER DIVERSION AT CANMORE - STATION NO. 05BE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.1	16.5	16.8	11.3	15.7	22.7	17.8	12.7	7.25	8.50	14.2	13.0	1
2	7.06	16.0	16.3	7.70	0.983	21.4	17.5	9.81	8.88	3.20	12.8	9.81	2
3	16.3	13.0	17.0	8.88	0	18.7	18.2	8.01	7.14	5.16	12.8	3.24	3
4	17.8	16.0	16.8	13.0	3.88	15.7	17.4	5.88	8.80	2.72	13.1	3.48	4
5	17.8	14.7	11.3	14.0	0	14.2	17.1	5.24	0	1.28	4.83	9.03	5
6	21.0	8.21	8.98	11.2	3.88	15.4	14.1	0	8.84	0	5.83	12.7	6
7	16.4	8.10	14.4	11.6	0	14.2	8.74	0	3.51	0	12.6	10.1	7
8	21.4	16.2	14.8	12.3	0	14.8	16.0	5.88	2.89	0	11.6	8.33	8
9	17.5	16.4	14.4	8.23	0	17.4	8.29	5.81	2.80	0	10.1	9.24	9
10	11.0	17.2	13.8	8.88	11.6	11.3	8.88	8.24	0	0	8.48	8.81	10
11	16.7	15.8	15.7	8.84	11.2	8.78	14.2	14.0	1.44	0	8.88	10.8	11
12	20.0	15.8	8.88	10.1	8.82	8.44	16.4	8.08	4.02	0	8.88	8.74	12
13	21.7	10.1	8.30	11.2	10.8	11.8	16.8	8.82	4.87	0.838	4.18	8.80	13
14	16.6	7.78	14.7	12.6	10.8	8.87	16.8	8.41	8.80	0	8.03	8.82	14
15	14.2	16.1	14.0	14.4	14.2	8.17	16.9	7.88	8.87	0	11.6	8.88	15
16	7.18	17.1	14.4	11.8	16.8	8.24	13.3	8.47	8.88	0	11.1	8.08	16
17	8.88	15.4	13.8	8.81	16.7	10.4	17.0	4.83	1.80	4.80	12.4	8.24	17
18	11.1	16.0	12.8	12.0	16.1	8.81	16.8	8.35	1.88	8.82	11.3	7.06	18
19	11.2	15.8	7.06	16.8	21.1	8.87	22.8	8.47	10.2	8.82	8.83	8.72	19
20	16.1	8.44	8.88	16.0	22.8	11.1	22.4	8.89	14.0	4.73	7.83	10.8	20
21	14.0	8.83	12.8	15.7	22.8	10.3	26.3	10.8	14.4	7.18	8.81	8.74	21
22	14.0	16.0	12.4	16.8	23.2	13.8	26.8	8.28	14.2	0	11.4	8.81	22
23	10.8	16.1	12.7	16.8	23.3	8.86	26.1	7.78	12.7	0	11.8	8.84	23
24	8.10	15.8	14.1	16.8	24.2	8.82	26.8	8.86	8.88	12.7	12.0	4.88	24
25	14.2	16.8	13.0	16.7	21.1	8.27	26.7	8.28	8.84	10.8	12.8	8.84	25
26	14.4	16.8	7.11	20.1	26.4	7.82	23.8	8.38	11.1	13.1	7.18	8.85	26
27	14.8	8.41	10.3	16.8	24.2	12.0	21.8	2.88	8.88	10.7	7.18	7.23	27
28	17.0	7.83	14.2	16.4	23.7	11.3	21.3	2.88	7.11	11.8	11.8	8.48	28
29	17.2	16.0	12.8	17.8	22.1	12.8	13.8	8.77	7.31	2.80	11.4	7.11	29
30	13.3		13.4	16.8	26.2	16.9	17.6	8.12	10.0	3.40	12.3	7.18	30
31	11.1		11.4		22.8		16.3	7.83		13.0		8.87	31
TOTAL	488.38	406.71	389.38	394.28	447.343	373.84	566.81	201.01	212.85	127.898	303.87	253.82	TOTAL
MEAN	14.7	14.1	12.8	13.1	14.4	12.8	18.3	8.48	7.09	4.13	10.1	8.18	MEAN
MAX	21.7	16.0	17.0	20.1	26.4	22.7	26.8	14.0	14.4	13.1	14.2	13.0	MAX
MIN	8.88	7.78	8.88	8.88	0	7.82	8.74	0	0	0	4.18	3.24	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 26.8 ON JUL 24
MINIMUM DAILY, 0 ON MAY 3

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 51 05 20 N
LONG 115 22 25 W

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 400	JUL	48 000
FEB	35 300	AUG	17 400
MAR	33 600	SEP	18 400
APR	34 100	OCT	11 100
MAY	38 700	NOV	26 300
JUN	32 300	DEC	21 800

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

TOTAL DISCHARGE, 358 000 dam³

SPRAY RESERVOIR AT THREE SISTERS DAM - STATION NO. 05BC005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1885.32	1893.00	1890.80	1886.82	1886.71	1887.86	1892.32	1893.13	1884.00	1884.01	1884.25	1883.14	1
2	1885.10	1892.92	1890.72	1886.69	1886.76	1887.78	1892.37	1893.16	1884.00	1884.04	1884.16	1883.06	2
3	1885.12	1892.84	1890.61	1886.59	1886.81	1887.90	1892.44	1893.22	1884.01	1884.08	1884.15	1883.06	3
4	1885.03	1892.78	1890.53	1886.49	1886.84	1888.00	1892.49	1893.28	1884.02	1884.13	1884.09	1883.07	4
5	1884.88	1892.89	1890.45	1886.40	1886.88	1888.06	1892.58	1893.37	1884.06	1884.16	1884.11	1883.03	5
6	1884.85	1892.85	1890.42	1886.35	1886.81	1888.28	1892.68	1893.43	1884.03	1884.21	1884.06	1882.97	6
7	1884.78	1892.80	1890.35	1886.28	1886.86	1888.59	1892.75	1893.51	1884.04	1884.24	1884.05	1882.92	7
8	1884.85	1892.82	1890.28	1886.21	1887.03	1888.84	1892.84	1893.52	1884.07	1884.28	1884.01	1882.88	8
9	1884.87	1892.44	1890.20	1886.19	1887.08	1888.16	1892.81	1893.55	1884.08	1884.28	1883.97	1882.84	9
10	1884.80	1892.34	1890.12	1886.14	1887.05	1888.36	1893.00	1893.55	1884.11	1884.33	1883.84	1882.84	10
11	1884.42	1892.26	1890.04	1886.08	1887.06	1888.55	1893.07	1893.60	1884.15	1884.38	1883.82	1882.78	11
12	1884.32	1892.17	1889.86	1886.03	1887.10	1888.68	1893.18	1893.62	1884.15	1884.41	1883.80	1882.75	12
13	1884.20	1892.12	1889.83	1886.00	1887.20	1888.80	1893.28	1893.64	1884.15	1884.44	1883.80	1882.71	13
14	1884.12	1892.07	1889.88	1887.81	1887.28	1888.88	1893.30	1893.67	1884.18	1884.44	1883.88	1882.87	14
15	1884.05	1892.00	1889.80	1887.86	1887.36	1890.09	1893.35	1893.88	1884.18	1884.44	1883.82	1882.85	15
16	1884.03	1891.92	1889.70	1887.78	1887.36	1890.24	1893.41	1893.70	1884.11	1884.47	1883.78	1882.80	16
17	1884.01	1891.81	1889.89	1887.78	1887.44	1890.44	1893.44	1893.72	1884.14	1884.48	1883.73	1882.86	17
16	1883.98	1891.74	1889.83	1887.73	1887.47	1890.87	1893.46	1893.74	1884.17	1884.48	1883.88	1882.84	18
19	1883.90	1891.86	1889.81	1887.88	1887.46	1890.88	1893.47	1893.78	1884.13	1884.45	1883.84	1882.80	19
20	1883.81	1891.82	1889.48	1887.81	1887.43	1891.00	1893.48	1893.79	1884.10	1884.48	1883.82	1882.48	20
21	1883.73	1891.85	1889.40	1887.88	1887.40	1891.13	1893.48	1893.80	1884.05	1884.44	1883.88	1882.42	21
22	1883.68	1891.48	1889.35	1887.48	1887.37	1891.34	1893.40	1893.80	1884.01	1884.48	1883.83	1882.37	22
23	1883.81	1891.38	1889.28	1887.42	1887.45	1891.47	1893.37	1893.81	1884.04	1884.47	1883.48	1882.32	23
24	1883.58	1891.28	1889.18	1887.32	1887.52	1891.68	1893.32	1893.83	1884.02	1884.48	1883.44	1882.30	24
25	1883.51	1891.18	1889.08	1887.23	1887.80	1891.72	1893.28	1893.85	1884.00	1884.41	1883.37	1882.27	25
26	1883.44	1891.08	1888.98	1887.15	1887.85	1891.84	1893.24	1893.89	1883.86	1884.39	1883.35	1882.28	26
27	1883.36	1891.05	1888.90	1887.06	1887.89	1891.96	1893.20	1893.82	1883.83	1884.38	1883.33	1882.21	27
28	1883.28	1891.00	1888.81	1886.98	1887.74	1892.08	1893.18	1893.96	1883.84	1884.30	1883.28	1882.20	28
29	1883.18	1890.81	1888.84	1886.89	1887.78	1892.18	1893.18	1893.95	1883.85	1884.31	1883.24	1882.17	29
30	1883.12		1888.77	1886.79	1887.81	1892.26	1893.16	1893.98	1883.87	1884.32	1883.19	1882.13	30
31	1883.08		1888.70		1887.84		1893.12	1893.89		1884.29		1882.10	31
MEAN	1884.11	1891.87	1889.73	1887.80	1887.29	1890.13	1893.06	1893.86	1884.06	1884.33	1883.75	1882.81	MEAN
MAX	1885.32	1893.00	1890.80	1886.82	1887.84	1892.26	1893.47	1893.89	1884.17	1884.48	1884.25	1883.14	MAX
MIN	1883.08	1890.81	1888.70	1886.79	1886.71	1887.78	1892.32	1893.13	1883.83	1884.01	1883.19	1882.10	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1891.88
MAXIMUM DAILY, 1885.32 ON JAN 1
MINIMUM DAILY, 1886.71 ON MAY 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 59 00 N
LONG 115 22 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SPRAY RIVER AT BANFF - STATION NO. 05BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.818	1.638	2.388	2.458	3.06	5.64	4.88	4.82	3.80	3.48	3.18	3.048	1
2	1.728	1.588	2.348	2.428	3.00	5.18	4.81	4.87	3.43	3.30	3.17	3.188	2
3	1.848	1.848	2.318	2.408	2.98	5.18	5.18	5.02	3.36	3.29	3.16	3.068	3
4	1.858	1.708	2.288	2.378	3.06	5.55	4.90	5.00	3.24	3.17	3.16	2.978	4
5	1.838	1.778	2.288	2.348	3.10	5.78	5.18	4.43	3.28	3.05	3.18	2.838	5
6	1.748	1.818	2.288	2.328	3.16	6.02	5.86	4.31	3.26	3.02	3.25	2.858	6
7	1.768	1.818	2.308	2.288	3.08	6.68	5.28	4.22	3.36	3.27	3.19	2.478	7
8	1.848	1.808	2.288	2.288	3.28	10.3	5.06	4.03	3.32	3.06	3.86	2.358	8
9	1.878	1.788	2.268	2.268	3.71	8.31	4.93	3.81	3.27	2.86	2.88	2.388	9
10	1.838	1.738	2.238	2.248	4.03	6.49	4.82	3.84	3.32	2.98	2.70	2.488	10
11	1.878	1.748	2.248	2.268	4.38	7.88	4.81	3.78	3.30	2.83	3.02	2.488	11
12	2.028	1.808	2.278	2.288	5.06	7.17	5.08	3.71	3.22	2.87	3.13	2.418	12
13	2.068	1.878	2.308	2.378	5.81	6.83	4.83	3.84	3.14	2.59	3.08	2.348	13
14	2.068	1.868	2.288	2.838	5.81	6.18	4.78	3.82	3.10	3.02	2.86	2.308	14
15	2.078	1.898	2.188	3.118	6.33	6.11	4.84	3.80	3.08	3.19	3.19A	2.418	15
16	2.038	1.888	2.238	3.338	6.31	6.52	4.81	3.88	3.13	3.28	3.088	2.478	16
17	2.008	1.848	2.288	3.248	5.73	7.02	4.33	3.87	3.38	3.16	3.008	2.488	17
18	1.988	1.858	2.348	3.338	6.27	7.32	4.18	3.88	3.28	3.17	2.898	2.458	18
19	1.818	1.878	2.388	3.318	6.95	8.88	4.07	3.87	3.16	3.18	3.018	2.388	19
20	1.888	1.848	2.308	2.388	6.88	8.60	3.84	3.84	3.17	3.14	3.088	2.318	20
21	1.888	1.798	2.288	2.288	6.46	8.20	3.88	3.80	3.11	3.13	3.068	2.348	21
22	1.878	1.758	2.218	3.32	6.62	8.00	3.84	3.87	3.07	3.18	3.108	2.178	22
23	1.888	1.718	2.158	3.35	6.63	8.88	3.82	3.80	3.13	3.17	3.068	2.108	23
24	1.818	1.888	2.138	3.35	6.38	8.87	3.71	3.84	3.09	3.14	2.988	2.038	24
25	1.948	1.718	2.108	3.07	6.84	8.74	3.68	3.82	3.08	3.13	2.898	1.948	25
26	1.878	2.028	2.078	2.87	6.88	8.87	3.82	3.98	3.14	3.21	2.748	1.988	26
27	2.028	2.428	2.048	2.85	6.77	8.87	3.80	3.88	3.14	3.08	2.868	2.038	27
28	1.988	2.418	2.088	3.05	6.82	8.87	3.80	3.88	3.15	2.88	2.768	2.078	28
29	1.818	2.388	2.218	3.18	6.71	8.40	3.88	3.88	3.21	2.88	2.878	2.088	28
30	1.818		2.378	3.14	6.80	8.11	3.80	3.81	3.87	3.22	2.888	1.988	30
31	1.808		2.488		6.88		3.85	3.88		3.23		1.888	31
TOTAL	58.08	53.44	69.77	83.89	145.95	196.17	136.23	121.28	97.11	88.88	80.38	73.78	TOTAL
MEAN	1.87	1.84	2.25	2.80	4.71	6.54	4.39	3.91	3.24	3.12	3.01	2.38	MEAN
MAX	2.08	2.42	2.48	3.34	6.38	10.3	5.86	5.02	3.87	3.48	3.28	3.18	MAX
MIN	1.80	1.53	2.04	2.24	2.88	5.11	3.80	3.82	3.08	2.88	2.88	1.88	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.34
MAXIMUM DAILY, 10.3 ON JUN 8
MINIMUM DAILY, 1.508 ON JAN 31
MAXIMUM INSTANTANEOUS,
11.8 AT 03:45 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 35 N
LONG 115 33 15 W
DRAINAGE AREA, 748 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1948

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 020	JUL	11 600
FEB	4 820	AUG	10 500
MAR	6 030	SEP	6 390
APR	7 260	OCT	6 370
MAY	12 600	NOV	7 010
JUN	16 900	DEC	6 370

TOTAL DISCHARGE, 108 000 dam³

SQUAW COULEE DIVERSION BELOW SQUAW COULEE DAM - STATION NO. 05AC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.00 E	0.898	1.18	0.785	0.685	0.408	---	---	1
2	---	---	---	---	1.00 E	1.01	1.18	0.766	0.685	0.405	---	---	2
3	---	---	---	---	1.00 E	1.03	1.18	0.731	0.649	0.405	---	---	3
4	---	---	---	---	1.00 E	1.05	1.17	0.752	0.641	0.404	---	---	4
5	---	---	---	---	1.00 E	1.07	1.17	0.859	0.633	0.403	---	---	5
6	---	---	---	---	1.03 A	1.10	1.16	1.00	0.625	0.402	---	---	6
7	---	---	---	---	0.885	1.12	1.16	1.05	0.618	0.401	---	---	7
8	---	---	---	---	0.886	1.15	1.25	1.05	0.610	0.400	---	---	8
9	---	---	---	---	0.886	1.17	1.26	1.06	0.602	0.401	---	---	9
10	---	---	---	---	0.905	1.18	1.26	1.11	0.595	0.402	---	---	10
11	---	---	---	---	0.906	1.20	1.23	1.10	0.587	0.411	---	---	11
12	---	---	---	---	0.954	1.18	1.36	1.05	0.579	0.420	---	---	12
13	---	---	---	---	1.04	1.17	1.56	0.884	0.571	0.423	---	---	13
14	---	---	---	---	1.05	1.18	1.55	0.875	0.566	0.423	---	---	14
15	---	---	---	---	1.03	1.18	1.43	0.906	0.560	0.422	---	---	15
16	---	---	---	---	1.01	1.18	1.40	0.934	0.551	0.421	---	---	16
17	---	---	---	---	0.998	1.18	1.33	0.926	0.544	0.300	---	---	17
18	---	---	---	---	0.983	1.18	1.33	0.933	0.537	0	---	---	18
19	---	---	---	---	0.906	1.18	1.28	0.885	0.530	0	---	---	19
20	---	---	---	---	0.896	1.18	1.30	0.970	0.439	0	---	---	20
21	---	---	---	0.988A	0.886	1.18	1.05	0.986	0.412	0	---	---	21
22	---	---	---	---	0.883	1.18	1.03	0.956	0.646	0	---	---	22
23	---	---	---	---	0.886	1.18	1.00	0.916	0.851	0	---	---	23
24	---	---	---	---	0.883	1.18	1.05	0.787	0.838	0	---	---	24
25	---	---	---	---	0.956	1.18	1.43	0.730	0.488	0	---	---	25
26	---	---	---	---	1.02	1.18	1.15	0.715	0.432	0	---	---	26
27	---	---	---	---	1.07	1.17	0.958	0.709	0.419	0	---	---	27
28	---	---	---	---	1.06	1.18	0.827	0.702	0.407	0	---	---	28
29	---	---	---	---	1.03	1.18	0.782	0.881	0.405	0	---	---	29
30	---		---	---	1.03	1.20	0.782	0.882	0.407	0	---	---	30
31	---		---		0.973		0.788	0.873		0		---	31
TOTAL	---	---	---	---	29.888	34.898	38.818	27.287	16.324	8.848	---	---	TOTAL
MEAN	---	---	---	---	0.987	1.18	1.26	0.880	0.844	0.221	---	---	MEAN
MAX	---	---	---	---	1.07	1.20	1.05	1.11	0.885	0.423	---	---	MAX
MIN	---	---	---	---	0.856	0.898	0.788	0.873	0.405	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.05 ON JUL 21
MINIMUM DAILY, 0 ON OCT 18

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 35 N
LONG 113 55 32 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 380
FEB	---	AUG	2 380
MAR	---	SEP	1 410
APR	---	OCT	592
MAY	2 690	NOV	---
JUN	3 990	DEC	---

ST. MARY CANAL AT ST. MARY CROSSING - STATION NO. 05AE029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	10.8	17.3	18.9	18.6	14.3	0	0	0	---	1
2	---	---	0	13.0	18.2	20.1	18.6	13.5	0	0	0	---	2
3	---	---	0	15.1	19.8	20.0	18.6	11.6	0	0	0A	---	3
4	---	---	0	18.2	19.7	19.8	18.7	11.3	0	0	---	---	4
5	---	---	0	17.2	17.4	20.0	18.7	8.40	0	0	---	---	5
6	---	---	0	15.4	17.1	20.2	18.7	5.08	0	0	---	---	6
7	---	---	0	15.5	16.4	20.2	18.6	7.00	0	0	---	---	7
8	---	---	0	20.1	15.0	20.2	18.6	4.86	0	0	---	---	8
9	---	---	0 A	20.5	14.0	20.1	18.6	4.91	0	0	---	---	9
10	---	---	0.166A	20.9	12.8	20.1	18.5	4.68	0	0	---	---	10
11	---	---	0.721A	21.1	12.8	19.9	18.3	4.35	0	0	---	---	11
12	---	---	0.848A	20.8	12.7	19.8	17.8	3.38	0	0	---	---	12
13	---	---	0.844	16.5	14.6	19.8	17.8	3.34	0	0	---	---	13
14	---	---	1.33	13.0	16.5	19.8	17.8	3.31	0	0	---	---	14
15	---	---	3.08	14.4	19.8	19.8	17.8	3.38	0	0	---	---	15
16	---	---	5.03	17.0	20.7	19.7	17.7	3.30	0	0	---	---	16
17	---	---	7.32	17.1	21.0	19.8	17.7	3.80	0	0	---	---	17
18	---	---	10.0	16.4	21.0	19.8	17.8	3.39	0	0	---	---	18
19	---	---	11.8	16.2	21.0	19.8	17.8	0.283	0	0	---	---	19
20	---	---	13.1	16.2	21.0	20.0	17.8	0.092	0	0	---	---	20
21	---	---	13.4	16.0	20.8	20.8	17.4	0.061	0	0	---	---	21
22	---	---	14.8	17.4	20.8	20.2	17.3	0.021	0	0	---	---	22
23	---	---	15.8	17.4	18.7	18.8	17.2	0	0	0	---	---	23
24	---	---	16.2	17.4	17.8	18.8	16.2	0	0	0	---	---	24
25	---	---	16.3	17.4	17.8	18.8	14.8	0	0	0	---	---	25
26	---	---	16.3	17.3	17.8	18.7	14.8	0	0	0	---	---	26
27	---	---	16.8	17.2	16.7	18.7	14.4	0	0	0	---	---	27
28	---	---	16.7	17.1	20.1	18.7	14.8	0	0	0	---	---	28
29	---	---	14.8	17.2	20.1	18.7	15.5	0	0	0	---	---	29
30	---		10.8	17.3	20.2	18.7	15.4	0	0	0		---	30
31	---		8.02		18.5		15.0	0		0		---	31
TOTAL	---	---	214.787	510.1	584.0	586.2	535.8	118.486	0	0	---	---	TOTAL
MEAN	---	---	6.93	17.0	18.8	18.8	17.3	3.76	0	0	---	---	MEAN
MAX	---	---	16.7	21.1	21.0	20.8	18.7	14.3	0	0	---	---	MAX
MIN	---	---	0	10.8	12.8	18.7	14.4	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.2
MAXIMUM DAILY, 21.1 ON APR 11
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 50 N
LONG 113 32 28 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	48 300
FEB	---	AUG	10 100
MAR	15 800	SEP	0
APR	44 100	OCT	0
MAY	48 700	NOV	---
JUN	50 800	DEC	---

TOTAL DISCHARGE, 219 000 dam³

ST. MARY RESERVOIR NEAR SPRING COULEE - STATION NO. 05AE025

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1100.884	1100.708	1100.828	1101.151	1100.858	1100.283	1100.182	1092.807	1085.977	---	1080.201A	1087.188	1
2	1100.888	1100.704	1100.834	1101.188	1100.848	1100.287	1100.111	1092.806	1085.777	---	1080.817E	1087.249	2
3	1100.883	1100.704	1100.837	1101.183	1100.728	1100.341	1099.897	1092.392	1085.574	---	1081.432A	1087.308	3
4	1100.881	1100.708	1100.843	1101.188	1100.615	1100.348	1099.687	1092.284	1085.388	---	1082.178A	1087.358	4
5	1100.888	1100.712	1100.855	1101.200	1100.492	1100.345	1099.740	1092.156	1085.180	---	1082.944	1087.408	5
6	1100.888	1100.718	1100.884	1101.223	1100.378	1100.372	1099.578	1092.048	1084.982	1078.529A	1083.618	1087.448	6
7	1100.886	1100.724	1100.873	1101.280	1100.273	1100.408	1099.402	1091.824	1084.898	---	1084.214	1087.491	7
8	1100.880	1100.707	1100.882	1101.314	1100.188	1100.458	1099.228	1091.626	1084.427	---	1084.727	1087.528	8
9	1100.887	1100.708	1100.881	1101.402	1100.113	1100.540	1099.058	1091.741	1084.178	---	1085.127	1087.551	9
10	1100.888	1100.713	1100.895	1101.493	1100.031	1100.620	1098.880	1091.628	1083.911	---	1085.371	1087.588	10
11	1100.871	1100.727	1100.906	1101.586	1099.958	1100.648	1098.688	1091.514	1083.844	---	1085.583	1087.627	11
12	1100.873	1100.738	1100.914	1101.673	1099.823	1100.654	1098.488	1091.408	1083.390	---	1085.890	1087.661	12
13	1100.877	1100.741	1100.921	1101.782	1099.730	1100.695	1098.278	1091.318	1083.128	---	1085.805	1087.698	13
14	1100.880	1100.744	1100.935	1101.875	1099.650	1100.678	1098.071	1091.200	1082.848	---	1085.823	1087.738	14
15	1100.883	1100.782	1100.958	1101.980	1099.571	1100.708	1097.882	1091.078	1082.578	---	1085.031	1087.788	15
16	1100.883	1100.788	1100.970	1102.077	1100.010	1100.741	1097.648	1090.988	1082.288A	---	1085.135	1087.788	16
17	1100.881	1100.780	1100.975	1102.106	1099.883	1100.735	1097.413	1090.841	1081.984A	---	1085.232	1087.811	17
18	1100.879	1100.783	1100.977	1102.118	1099.848	1100.725	1097.187	1090.388	---	1078.804A	1085.332	1087.838	18
19	1100.881	1100.770	1100.979	1102.085	1099.853	1100.716	1096.882	1090.088	---	---	1085.423	1087.876	19
20	1100.882	1100.774	1100.981	1102.027	1099.878	1100.727	1096.643	1089.788	1081.070A	---	1085.511	1087.908	20
21	1100.886	1100.778	1101.008	1101.958	1100.011	1100.713	1096.388	1089.528	---	---	1085.590	1087.920	21
22	1100.887	1100.778	1101.021	1101.888	1100.048	1100.727	1096.088	1089.280	---	---	1085.673	1087.944	22
23	1100.880	1100.776	1101.029	1101.798	1100.084	1100.726	1095.738	1088.978	---	---	1085.782	1087.988	23
24	1100.880	1100.787	1101.064	1101.707	1100.042	1100.886	1095.416	1088.678A	---	---	1085.832	1087.988	24
25	1100.882	1100.784	1101.082	1101.610	1100.078	1100.858	1095.080	1088.388E	---	---	1085.890	1088.008	25
26	1100.882	1100.802	1101.085	1101.536	1100.128	1100.804	1094.738	1088.072A	---	---	1085.948	1088.018	26
27	1100.701	1100.808	1101.073	1101.448	1100.185	1100.827	1094.378	1087.741	---	---	1086.883	1088.030	27
28	1100.703	1100.815	1101.084	1101.352	1100.178	1100.428	1094.052	1087.404	1079.248A	---	1087.018	1088.040	28
28	1100.707	1100.824	1101.102	1101.238	1100.178	1100.357	1093.784	1087.057	---	---	1087.073	1088.052	29
30	1100.704		1101.115	1101.082	1100.187	1100.284	1093.508	1088.858	1079.088E	---	1087.132	1088.057	30
31	1100.708		1101.134		1100.217		1093.184	1088.287		1080.088E		1088.058	31
MEAN	1100.880	1100.751	1100.884	1101.883	1100.178	1100.558	1097.278	1090.248	---	---	1085.338	1087.738	MEAN
MAX	1100.708	1100.824	1101.134	1102.118	1100.858	1100.741	1100.182	1092.887	---	---	1087.132	1088.058	MAX
MIN	1100.858	1100.704	1100.828	1101.082	1099.823	1100.283	1093.184	1088.287	---	---	1080.201	1087.188	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 1102.118 ON APR 18

MAXIMUM INSTANTANEOUS,
1102.134 AT 18:00 MST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 48 N
LONG 113 06 58 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
2 290 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 0.034 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

ST. MARY RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 05AE027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.788	2.078	2.388	2.04	30.8	39.8	23.0	8.16	5.61	4.18	10.6	6.618	1
2	1.848	1.988	2.448	2.32	18.8	34.8	21.1	7.11	5.47	4.38	10.1	6.238	2
3	1.788	1.838	2.488	3.08	17.3	28.8	19.0	8.47	5.41	4.84	9.80	5.888	3
4	1.788	1.838	2.558	2.72	17.3	27.8	17.7	7.80	5.24	4.87	9.49	5.528	4
5	1.708	1.878	2.418	3.88	18.8	33.8	18.0	8.78	5.24	5.21	9.34	5.268	5
6	1.708	1.878	2.418	4.47	18.4	37.4	17.7	7.26	5.21	5.48	8.88	5.108	6
7	1.848	1.788	2.278	10.3	22.8	42.2	18.8	7.22	5.10	5.81	8.80	4.818	7
8	1.848	1.848	2.278	9.34	23.1	46.2	18.0	8.07	4.87	5.81	8.88	4.538	8
9	1.898	1.708	2.418	8.82	23.1	46.0	18.8	7.42	4.73	5.81	10.2	4.258	9
10	1.898	1.818	2.278	8.81	28.8	39.1	18.4	8.77	4.83	5.84	10.4	3.988	10
11	1.848	1.908	2.128	8.18	31.1	38.1	18.4	8.80	8.04	8.84	10.7	3.838	11
12	1.708	1.988	1.988	11.2	38.1	32.8	18.1	7.18	4.98	8.58	10.8	3.828	12
13	1.708	2.128	2.278	17.7	47.8	30.8	18.4	8.84	4.87	8.41	10.8	3.908	13
14	1.848	2.078	2.418	21.0	81.0	31.1	18.1	8.88	4.98	8.22	10.1	3.888	14
15	1.848	2.078	1.708	18.8	48.7	30.8	17.8	8.82	4.38	8.47	8.87	3.838	15
16	1.988	1.988	2.128	17.3	40.8	28.8	16.8	8.82	4.02	8.88	8.80	3.888	16
17	1.848	1.988	2.118	17.8	27.7	28.1	15.8	8.48	3.88	11.2	8.40	3.868	17
18	1.878	2.078	2.04	21.3	27.7	28.0	14.4	7.08	3.88	18.1	8.08	3.828	18
19	1.878	2.188	2.10	24.7	27.4	28.3	13.1	8.18	3.88	28.8	8.12	3.828	19
20	1.938	2.278	1.87	28.2	28.8	28.2	12.1	7.79	3.88	28.7	8.87	3.888	20
21	1.988	2.558	3.87	28.8	28.7	27.8	11.0	7.80	3.78	28.1	8.84	3.848	21
22	1.988	2.888	3.42	24.7	24.3	28.8	8.48	7.28	3.83	22.8	8.30	3.848	22
23	1.938	2.838	3.88	24.1	28.8	28.2	8.04	8.82	3.40	21.0	8.44	3.848	23
24	1.938	2.788	3.87	23.2	40.2	28.2	8.88	8.48	3.28	18.7	7.87	3.408	24
25	1.938	2.838	3.81	23.3	41.3	27.8	8.71	8.34	3.08	18.7	7.73	3.408	25
28	1.988	2.558	3.18	20.2	41.1	28.1	8.37	8.23	3.28	18.7	7.08	3.408	28
27	2.128	2.488	3.82	17.8	27.8	28.2	8.20	8.23	3.20	18.8	8.888	3.288	27
28	2.278	2.358	3.20	18.7	24.8	28.2	8.41	8.17	3.48	12.8	8.888	3.288	28
28	2.338	2.358	2.81	18.8	23.7	28.8	7.28	8.03	3.82	12.8	8.818	3.288	28
30	2.278		2.21	18.8	28.7	28.8	8.88	8.83	4.22	11.8	8.818	3.118	30
31	2.188		2.18		40.8		8.48	8.72		11.1		3.288	31
TOTAL	57.88	82.81	78.38	461.32	1 027.8	943.7	438.32	218.28	128.88	382.38	272.13	127.27	TOTAL
MEAN	1.87	2.18	2.43	18.8	33.2	31.8	14.8	8.88	4.32	11.4	8.87	4.11	MEAN
MAX	2.32	2.83	3.82	28.2	81.8	46.2	23.8	8.78	8.81	28.7	18.8	8.81	MAX
MIN	1.88	1.78	1.78	2.84	17.3	28.8	8.48	8.72	3.88	4.18	8.81	3.11	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 81.0 ON MAY 18
MINIMUM DAILY, 1.688 ON JAN 8
MAXIMUM INSTANTANEOUS,
81.0 AT 08:00 MST ON MAY 18

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 12 N
LONG 113 13 48 W
DRAINAGE AREA, 1 310 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 000	JUL	27 000
FEB	5 400	AUG	18 700
MAR	6 510	SEP	11 200
APR	39 000	OCT	30 400
MAY	88 600	NOV	23 500
JUN	81 500	DEC	11 000

TOTAL DISCHARGE, 359 000 dam³

ST. MARY RIVER NEAR LETHBRIDGE - STATION NO. 05AE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	0.7808	1.788	1.42	1.81	2.89	4.58	5.38	2.63	7.88	10.7	1.32 B	1
2	1.15 B	0.7108	1.788	1.32	1.84	2.48	4.20	4.89	2.82	10.8	4.57	1.34 B	2
3	1.10 B	0.7008	1.788	1.36	1.87	2.32	3.78	4.90	3.27	12.3	4.03	1.38 B	3
4	1.05 B	0.7308	1.788	1.32	1.88	2.28	3.74	5.08	3.28	12.3	3.37	1.38 B	4
5	0.9708	0.7808	1.788	1.17	1.95	2.18	4.17	5.23	3.30	9.34	1.81	1.38 B	5
6	0.9308	0.8508	1.808	1.24	2.18	2.12	5.00	4.87	3.15	7.27	1.48	1.01 B	6
7	0.8808	0.8308	1.618	1.22	2.68	2.13	4.48	4.80	2.83	8.17	1.24	0.9928	7
8	0.8308	1.05 B	1.638	1.07	2.84	2.32	4.33	4.88	2.88	5.88	0.9708	0.8858	8
9	0.7808	1.17 B	1.638	1.10	2.73	2.83	4.27	4.48	3.88	5.82	0.9058	1.00 B	9
10	0.7708	1.31 B	1.638	1.13	2.48	2.62	4.08	4.12	4.10	5.89	0.8898	1.08 B	10
11	0.7808	1.48 B	1.618	1.08	2.22	2.37	4.00	3.70	4.78	6.00	1.28 B	1.42 B	11
12	0.7708	1.55 B	1.608	0.844	2.38	2.28	4.48	3.68	4.81	7.15	1.30 B	1.30 B	12
13	0.7808	1.70 B	1.788	0.883	2.62	2.30	4.12	3.38	4.88	7.88	0.7808	1.20 B	13
14	0.8308	1.80 B	1.788	0.838	2.88	2.40	4.08	3.83	4.42	7.78	0.7408	1.02 B	14
15	0.8708	1.87 B	1.878	0.941	2.32	2.32	4.00	3.77	3.83	7.81	0.7008	0.9788	15
16	0.8008	1.82 B	1.838	0.871	2.30	2.14	4.38	2.64	2.37	7.69	0.8508	0.8888	16
17	0.8408	1.85 B	1.388	1.27	2.10	2.13	4.80	2.72	2.48	7.79	0.8908	0.8268	17
18	0.8708	1.88 B	1.788	1.31	2.02	1.88	4.87	2.72	2.84	7.84	0.7308	1.00 B	18
19	1.01 B	1.88 B	1.808	1.28	1.88	1.73	4.87	2.87	2.81	8.31	0.8608	0.8008	19
20	1.07 B	2.00 B	1.74	1.42	1.87	1.81	4.82	2.83	2.83	8.77	0.9998	0.8508	20
21	1.13 B	1.87 B	1.84	1.48	1.78	1.84A	4.77	3.41	2.88	13.1	1.11 B	0.7808	21
22	1.13 B	1.85 B	1.58	1.48	1.88	1.80	4.88	3.38	2.25	23.1	0.9078	0.7408	22
23	1.14 B	1.84 B	1.58	1.57	1.90	1.89	5.02	3.88	2.08	22.7	0.8008	0.7408	23
24	1.12 B	1.83 B	1.50	1.55	1.82	1.82	5.18	2.70	2.17	22.8	0.8408	0.7208	24
25	1.08 B	1.83 B	1.30	1.55	1.88	1.80	5.27	2.88	2.43	23.7	0.8008	0.7108	25
26	1.06 B	1.81 B	1.26	1.70	2.12	1.77	5.40	2.71	2.33	23.8	0.4808	0.7108	26
27	1.02 B	1.88 B	1.48	1.88	2.08	2.82	5.17	2.84	2.28	23.4	0.4808	0.7108	27
28	0.9708	1.88 B	2.02	1.61	1.98	3.35	5.12	3.18	2.33	23.1	0.5108	0.7208	28
29	0.8208	1.82 B	1.31	1.88	2.00	5.21	5.00	3.10	2.48	17.4	1.00 B	0.7308	29
30	0.8708		1.38	1.77	2.23	4.80	4.88	2.83	2.30	.7.5	1.30 B	0.7408	30
31	0.8008		1.80		2.78		4.72	2.77		18.9		0.7808	31
TOTAL	29.820	44.410	51.80	40.017	66.40	71.38	141.44	115.91	91.82	380.11	46.080	29.851	TOTAL
MEAN	0.962	1.53	1.68	1.33	2.14	2.38	4.56	3.74	3.05	12.8	1.54	0.966	MEAN
MAX	1.20	2.00	2.02	1.88	2.78	5.21	5.40	5.08	4.81	23.7	10.7	1.42	MAX
MIN	0.780	0.700	1.26	0.838	1.81	1.82	3.74	2.87	2.08	5.88	0.480	0.688	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.05
MAXIMUM DAILY, 23.7 ON OCT 23
MINIMUM DAILY, 0.4808 ON NOV 27
MAXIMUM INSTANTANEOUS,
24.0 AT 02:20 MST ON OCT 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 34 24 N
LONG 112 50 38 W
DRAINAGE AREA, 3 630 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 580	JUL	12 200
FEB	3 840	AUG	10 000
MAR	4 480	SEP	7 920
APR	3 480	OCT	33 700
MAY	5 740	NOV	3 880
JUN	6 170	DEC	2 580

TOTAL DISCHARGE, 85 800 dam³

STEELE LAKE NEAR JARVIE - STATION NO. 07BE005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	658.826	656.737	---	---	---	---	---	1
2	---	---	---	---	658.874	---	---	657.068	658.881	658.781	---	---	2
3	---	---	---	---	---	658.829	---	657.078	658.878	658.788	---	---	3
4	---	---	---	658.724	---	---	658.743	---	658.871	---	---	---	4
5	---	---	---	---	658.875	658.826	---	657.088	---	---	---	---	5
6	---	---	---	---	658.878	---	658.833	657.088	658.881	658.781	---	---	6
7	---	---	---	---	658.878	658.826	658.868	657.048	658.848	658.781	---	---	7
8	---	---	---	---	---	658.826	657.078	---	---	---	---	---	8
9	---	---	---	---	658.878	658.848	657.128	657.008	658.838	---	---	---	9
10	---	---	---	---	658.878	658.848	---	---	---	---	---	---	10
11	---	---	---	---	658.870	---	657.208	658.888	658.831	658.728	---	---	11
12	---	---	---	---	658.868	658.888	657.223	---	658.828	658.721	---	---	12
13	---	---	---	---	---	---	---	658.885	658.828	658.731	---	---	13
14	---	---	---	---	---	658.717	657.258	---	658.824	---	---	---	14
15	---	---	658.887	---	658.868	658.720	657.288	658.878	---	---	---	---	15
16	---	---	---	---	658.840	---	657.288	658.870	658.821	---	---	---	16
17	---	---	---	---	658.836	658.727	---	---	---	658.721	---	---	17
18	---	---	---	---	---	---	657.273	658.870	---	658.721	---	---	18
19	---	---	---	---	658.830	---	---	658.885	658.811	658.721	---	---	19
20	---	---	---	---	658.826	658.722	657.288	---	---	---	---	---	20
21	---	---	---	---	---	658.727	657.288	---	---	658.721	---	---	21
22	---	658.883	---	---	---	658.727	657.248	658.885	658.788	---	---	---	22
23	---	---	---	---	658.815	658.727	657.238	658.858	658.781	---	---	---	23
24	---	---	---	---	658.813	---	---	---	658.781	658.718	---	---	24
25	---	---	---	658.884	658.818	---	657.188	658.845	---	658.718	---	---	25
26	---	---	---	---	658.811	---	657.188	658.840	658.781	---	---	---	26
27	---	---	---	---	---	---	---	658.837	---	---	---	---	27
28	---	---	---	---	658.811	658.730	657.138	---	658.771	658.708	---	---	28
29	---	---	---	---	---	---	---	658.820	658.768	---	---	---	29
30	---		---	---	658.828	658.733	657.108	---	658.761	---	---	---	30
31	---		---		658.828		657.108	658.890		658.761		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 36 28 N
LONG 113 49 06 W

NATURAL FLOW

DRAINAGE AREA,
268 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

STEEN RIVER NEAR STEEN RIVER - STATION NO. 07OB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.008E	0.028E	30.6	27.1	35.8	18.4	5.88	2.70	3.78E	---	1
2	---	---	0.008E	0.028E	30.6	27.1	54.8	18.5	5.49	2.70	---	---	2
3	---	---	0.008E	0.027E	28.7	27.3	74.0	18.8	4.84	2.67	---	---	3
4	---	---	0.008E	0.027E	28.6	28.1	76.0	17.6	3.83	2.62	---	---	4
5	---	---	0.008E	0.027E	28.6	28.6	62.6	17.4	3.42	2.83	---	---	5
6	---	---	0.010E	0.027E	30.3	28.2	52.0	17.4	3.05	2.83	---	---	6
7	---	---	0.012E	0.028E	30.6	27.6	59.0	17.7	2.78	2.85	---	---	7
8	---	---	0.012E	0.028E	31.7	26.0	63.0	17.0	2.57	2.86	---	---	8
9	---	---	0.012E	0.028E	33.6	25.4	73.9	15.5	2.45	2.84	---	---	9
10	---	---	0.012E	0.029E	35.9	32.4	66.5	14.4	2.36	2.81	---	---	10
11	---	---	0.013E	0.028E	37.6	44.2	57.9	13.4	2.32	2.88	---	---	11
12	---	---	0.012E	0.030E	38.1	58.2	52.6	13.4	2.31	2.87	---	---	12
13	---	---	0.013E	0.031E	37.2	65.6	46.6	11.3	2.25	2.87	---	---	13
14	---	---	0.013E	0.033E	35.8	67.1	32.9	10.7	2.21	2.88	---	---	14
15	---	---	0.013E	0.036E	33.1	66.0	26.9	10.4	2.17	2.95	---	---	15
16	---	---	0.013E	0.040E	30.8	64.5	25.7	9.83	2.15	3.15	---	---	16
17	---	---	0.014E	0.044E	30.0	64.0	25.8	9.15	2.20	3.48	---	---	17
18	---	---	0.014E	0.051E	29.7	63.0	26.5	8.44	2.24	3.54	---	---	18
19	---	---	0.018E	0.415E	28.0	60.5	28.4	7.83	2.30	3.60	---	---	19
20	---	---	0.017E	5.00 B	26.8	57.1	29.5	8.11	2.36	3.71	---	---	20
21	---	---	0.019E	4.87 B	28.3	53.4	28.8	8.37	2.40	3.74E	---	---	21
22	---	---	0.021E	4.87 B	30.2	47.8	27.3	8.10	2.47	3.88E	---	---	22
23	---	0.006E	0.022E	4.86 B	29.5	42.7	26.1	7.44	2.61	3.85E	---	---	23
24	---	0.006E	0.023E	5.00 B	28.0	38.3	24.8	6.82	2.67	3.89E	---	---	24
25	---	0.006E	0.023E	14.0 B	26.4	33.7	22.5	6.43	2.75	3.48E	---	---	25
26	---	0.007E	0.024E	20.1 B	24.8	28.2	20.3	6.00	2.80	3.85E	---	---	26
27	---	0.007E	0.024E	31.8 B	23.5	25.9	18.3	5.62	2.77	3.44E	---	---	27
28	---	0.006E	0.024E	31.0 B	20.8	23.7	17.3	4.84	2.74	3.28E	---	---	28
29	---	0.006E	0.025E	30.4	20.5	22.3	16.8	4.43	2.72	3.28E	---	---	29
30	---		0.025E	28.9	22.8	22.8	16.8	5.26	2.71	3.35E	---	---	30
31	---		0.025E		26.0		17.4	5.45		3.80E		---	31
TOTAL	---	---	0.483	188.173	922.9	1 230.8	1 319.2	344.02	85.80	98.53	---	---	TOTAL
MEAN	---	---	0.016	6.27	29.8	41.0	42.6	11.1	2.86	3.11	---	---	MEAN
MAX	---	---	0.025	31.8	38.1	67.1	92.0	18.5	5.88	3.88	---	---	MAX
MIN	---	---	0.006	0.025	20.5	22.3	16.8	4.43	2.17	2.67	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.1
MAXIMUM DAILY, 92.0 ON JUL 6
MINIMUM DAILY, 0.006E ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 34 00 N
LONG 117 12 00 W
DRAINAGE AREA, 2 810 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	114 000
FEB	---	AUG	28 700
MAR	42.5	SEP	7 410
APR	16 300	OCT	8 340
MAY	79 700	NOV	---
JUN	106 000	DEC	---

TOTAL DISCHARGE, 381 000 dam³

STEEPBANK RIVER NEAR FORT MCMURRAY - STATION NO. 07DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.370E	0.638E	16.3	8.79	6.23	8.87	21.0	8.00E	3.44E	---	1
2	---	---	0.370E	0.631E	17.4	7.58	7.85	8.03	20.3	7.30E	---	---	2
3	---	---	0.370E	0.610E	17.8	6.41	7.10	7.11	30.1	6.80E	---	---	3
4	---	---	0.371E	0.601E	17.5	9.02	8.11	8.38	30.4	6.65E	---	---	4
5	---	---	0.377E	0.628E	16.6	9.00	9.63	5.77	28.1	6.25E	---	---	5
6	---	---	0.374E	0.667E	17.0	9.08	12.3	6.38	22.1	6.00E	---	---	6
7	---	---	0.380E	0.668E	16.3	9.24	16.8	6.06	19.9	5.85E	---	---	7
8	---	---	0.378E	0.610E	15.5	9.58	27.3	4.87	16.1	5.46E	---	---	8
9	---	---	0.404E	0.604E	15.2	9.35	34.0	4.83	16.4	5.30E	---	---	9
10	---	---	0.430E	0.638E	15.5	9.00	38.7	4.48	14.6	5.15E	---	---	10
11	---	---	0.433E	0.678E	14.9	8.84	37.9	4.38	13.2	4.85E	---	---	11
12	---	---	0.428E	0.800E	14.4	14.7	37.0	4.37	12.1	4.80E	---	---	12
13	---	---	0.443E	0.820E	14.0	18.1	35.5	4.07	11.1	4.80E	---	---	13
14	---	---	0.428E	0.680E	13.7	19.1	35.5	4.05	10.2	4.45E	---	---	14
15	---	---	0.428E	0.730E	13.0	18.8	36.0	4.08	9.74	4.30E	---	---	15
16	---	---	0.438E	1.00 B	12.5	17.0	36.3	3.95	9.44	4.15E	---	---	16
17	---	---	0.477E	2.20 B	12.1	15.3	33.3	3.88	9.33A	4.05E	---	---	17
18	---	---	0.448E	3.30 B	11.1	13.7	29.1	3.87	9.20E	4.00E	---	---	18
19	---	---	0.480E	4.60 B	10.1	12.2	25.9	3.88	9.40E	3.80E	---	---	19
20	---	---	0.488E	4.70 B	9.96	10.5	22.8	4.10	10.0 E	3.80E	---	---	20
21	---	---	0.518E	5.40 B	9.77	9.48	20.2	4.37	11.0 E	3.70E	---	---	21
22	---	---	0.562E	5.50 B	9.38	8.63	18.1	5.21	13.0 E	3.60E	---	---	22
23	---	---	0.603E	11.5 B	8.87	8.04	16.8	5.04	13.0 E	3.80E	---	---	23
24	---	---	0.593E	12.4 B	8.23	7.38	14.6	5.07	11.0 E	3.35E	---	---	24
25	---	---	0.588E	12.7 B	7.72	6.87	13.9	5.81	10.5 E	3.20E	---	---	25
26	---	---	0.583E	12.7 B	7.38	6.14	12.4	5.31	10.3 E	3.00E	---	---	26
27	---	---	0.572E	13.5 B	6.97	5.62	11.2	5.06	10.0 E	2.85E	---	---	27
28	---	---	0.561E	11.6 B	6.56	5.61	10.3	4.78	9.70E	2.88E	---	---	28
29	---	---	0.563E	12.6 B	6.40	5.71	10.3	4.48	9.20E	3.05E	---	---	29
30	---		0.551E	14.6	6.30	6.08	9.84	4.37	8.80E	3.15E	---	---	30
31	---		0.566E		6.36		9.26	12.3		3.30E		---	31
TOTAL	---	---	14.864	140.085	374.75	308.89	648.41	184.86	435.21	141.34	---	---	TOTAL
MEAN	---	---	0.470	4.67	12.1	10.3	20.9	5.31	14.5	4.56	---	---	MEAN
MAX	---	---	0.603	14.6	17.8	19.1	36.0	12.3	30.4	8.00	---	---	MAX
MIN	---	---	0.370	0.604	6.30	5.61	7.10	3.87	8.80	2.85	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.09
MAXIMUM DAILY, 36.0 ON JUL 15
MINIMUM DAILY, 0.370E ON MAR 1
MAXIMUM INSTANTANEOUS,
40.0 AT 16:35 MST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 00 14 N
LONG 111 34 53 W
DRAINAGE AREA, 1 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	88 000
FEB	---	AUG	14 200
MAR	1 380	SEP	37 600
APR	12 100	OCT	12 200
MAY	32 400	NOV	---
JUN	26 700	DEC	---

TOTAL DISCHARGE, 193 000 dam³

STIMSON CREEK NEAR PEKISKO - STATION NO. 05BL007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.0888	0.085	0.020	0	0	0	0	---	---	1
2	---	---	0.0088	0.0888	0.091	0.102	0	0	0	0	---	---	2
3	---	---	0.0088	0.0748	0.083	0.101	0	0	0	0	---	---	3
4	---	---	0.0078	0.0608	0.088	0.088	0	0.018	0	0	---	---	4
5	---	---	0.0088	0.0888	0.085	0.105	0	0.008	0	0	---	---	5
6	---	---	0.0088	0.0888	0.314	0.120E	0	0.004	0	0	---	---	6
7	---	---	0.0088	0.1058	0.484	0.260E	0	0.002	0	0	---	---	7
8	---	---	0.0078	0.1158	0.375	0.400E	0	0	0	0	---	---	8
9	---	---	0.0188	0.1248	0.295	0.760E	0	0	0	0	---	---	9
10	---	---	0.0288	0.1388	0.242	0.740E	0	0	0	0	---	---	10
11	---	---	0.0248	0.1388	0.191	0.550E	0	0	0	0	---	---	11
12	---	---	0.0228	0.133	0.158	0.400E	0.048	0	0	0	---	---	12
13	---	---	0.0208	0.126	0.149	0.280E	0.038	0	0	0	---	---	13
14	---	---	0.0188	0.121	0.110	0.180E	0.033	0	0	0	---	---	14
15	---	---	0.0188	0.112	0.095	0.100E	0.023	0	0	0	---	---	15
16	---	---	0.0188	0.140	0.088	0.080E	0.008	0	0	0	---	---	16
17	---	---	0.0188	0.128	0.078	0.060E	0.003	0	0	0	---	---	17
18	---	---	0.0188	0.134	0.083	0.070E	0.001	0	0	0	---	---	18
19	---	---	0.0208	0.138	0.088	0.080E	0	0	0	0	---	---	19
20	---	---	0.0288	0.138	0.034	0.040E	0	0	0	0	---	---	20
21	---	---	0.0388	0.145	0.010	0.020E	0	0	0	0	---	---	21
22	---	---	0.0808	0.152	0.002	0.010E	0	0	0	0	---	---	22
23	---	0.0088	0.0888	0.134	0.008	0.001A	0	0	0	0.038	---	---	23
24	---	0.0108	0.0888	0.127	0.015	0	0	0	0	0.118	---	---	24
25	---	0.0128	0.0888	0.138	0.017	0	0	0	0	0.088	---	---	25
26	---	0.0148	0.0848	0.133	0.018	0	0	0	0	0.0808	---	---	26
27	---	0.0138	0.0828	0.152	0.010	0	0	0	0	0.0308	---	---	27
28	---	0.0128	0.0808	0.134	0.007	0	0	0	0	0.0208	---	---	28
29	---	0.0118	0.0628	0.130	0.008	0	0	0	0	0.0188	---	---	29
30	---		0.0588	0.107	0.013	0	0	0	0	0.0148	---	---	30
31	---		0.0618		0.021		0	0		0.013A		---	31
TOTAL	---	---	0.880	3.676	3.280	4.527	0.151	0.030	0	0.398	---	---	TOTAL
MEAN	---	---	0.028	0.119	0.105	0.151	0.005	0.001	0	0.013	---	---	MEAN
MAX	---	---	0.081	0.152	0.484	0.780	0.048	0.018	0	0.118	---	---	MAX
MIN	---	---	0.008	0.085	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.052
MAXIMUM DAILY, 0.780E ON JUN 9
MINIMUM DAILY, 0 ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 50 N
LONG 114 05 55 W
DRAINAGE AREA, 283 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13.0
FEB	---	AUG	2.88
MAR	78.0	SEP	0
APR	309	OCT	34.5
MAY	284	NOV	---
JUN	391	DEC	---

TOTAL DISCHARGE, 1 110 dam³

STIRLING LAKE OUTFLOW NEAR STIRLING - STATION NO. 05AF028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0528	0.078	1.18	3.12	2.38	2.38	0.943	0.777	0.240E	---	1
2	---	---	0.0388	0.130	1.21	2.01	0.887	2.37	0.887	0.888	0.230A	---	2
3	---	---	0.0308	0.088	0.885	1.87	1.34	2.88	0.852	0.711	---	---	3
4	---	---	0.0218	0.074	1.08	1.88	1.48	1.28	0.853	0.887	---	---	4
5	---	---	0.0188	0.073	1.28	1.78	1.13	0.988	0.908	0.472	---	---	5
6	---	---	0.0288	0.048	1.84	2.38	1.81	0.724	0.801	0.343	---	---	6
7	---	---	0.0338	0.048	1.41	1.87	2.08	0.852	0.883	0.278	---	---	7
8	---	---	0.0228	0.037	1.48	2.88	1.73	1.02	1.07	0.880	---	---	8
9	---	---	0.0218	0.032	1.88	4.14	1.82	0.883	1.10	0.788	---	---	9
10	---	---	0.0218	0.030	1.74	2.81	2.17	0.881	1.33	0.814	---	---	10
11	---	---	0.0218	0.022	1.44	2.08	2.18	0.882	1.41	0.881	---	---	11
12	---	---	0.0308	0.032	1.18	1.88	1.84	0.801	1.31	0.820	---	---	12
13	---	---	0.0388	0.022	1.48	2.43	1.85	1.03	1.08	1.05	---	---	13
14	---	---	0.0308	0.062	1.88	1.71	1.28	0.878	1.00	0.888	---	---	14
15	---	---	0.0508	0.108	2.22	1.84	1.27	1.18	0.878	0.882	---	---	15
16	---	---	0.1088	0.138	2.08	1.88	1.44	0.848	0.802	0.827	---	---	16
17	---	---	0.1338	0.038	1.28	1.43	1.77	0.848	0.858	0.781	---	---	17
18	---	---	0.1248	0.030	1.44	1.80	2.32	1.04	1.34	0.859	---	---	18
19	---	---	0.088	0.028	1.23	1.88	1.83	1.08	1.18	0.878A	---	---	19
20	---	---	0.075	0.048	1.02	1.77	2.04	0.898	0.881	0.850E	---	---	20
21	---	---	0.088	0.033	1.48	1.58	1.87	1.87	1.04	0.420E	---	---	21
22	---	---	0.083	0.082	1.73	1.87	1.88	1.88	1.08	0.310E	---	---	22
23	---	---	0.048	0.180	2.05	1.22	1.80	1.84	1.15	0.250E	---	---	23
24	---	---	0.0408	0.133	1.70	0.871	2.04	1.38	1.18	0.180E	---	---	24
25	---	0 B	0.0458	0.343	1.81	1.38	2.28	1.22	1.18	0.140E	---	---	25
26	---	0 B	0.0188	0.278	1.34	1.78	1.84	1.07	1.11	0.100E	---	---	26
27	---	0.0248	0.0388	0.368	1.04	1.78	1.80	1.18	0.837	0.080E	---	---	27
28	---	0.0878	0.0278	0.262	1.48	1.18	1.81	1.20	0.885	0.080E	---	---	28
29	---	0.0408	0.0188	0.477	1.43	2.78	1.88	0.741	0.795	0.110E	---	---	29
30	---		0.0228	0.885	1.82	3.38	1.87	0.884	0.764	0.170E	---	---	30
31	---		0.0388		2.87		2.27	1.03		0.250E		---	31
TOTAL	---	---	1.387	4.183	47.885	59.831	54.187	37.403	30.229	18.078	---	---	TOTAL
MEAN	---	---	0.044	0.139	1.54	1.99	1.75	1.21	1.01	0.518	---	---	MEAN
MAX	---	---	0.124	0.885	2.87	4.14	2.38	2.88	1.41	1.05	---	---	MAX
MIN	---	---	0.018	0.030	0.885	0.871	0.887	0.884	0.852	0.080	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 4.14 ON JUN 8
MINIMUM DAILY, 0.018B ON MAR 6
MAXIMUM INSTANTANEOUS,
4.63 AT 08:40 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 50 N
LONG 112 30 28 W
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 680
FEB	---	AUG	3 230
MAR	117	SEP	2 610
APR	381	OCT	1 390
MAY	4 120	NOV	---
JUN	5 170	DEC	---

TOTAL DISCHARGE, 21 700 dam³

STONY CREEK NEAR TAWATINAW - STATION NO. 07DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0558	0.013	0.055	0.108	0.238	0.008	0.018	---	---	1
2	---	---	0.0018	0.0578	0.011	0.029	0.092	0.337	0.007	0.017	---	---	2
3	---	---	0.0028	0.0568	0.012	0.018	0.092	0.304	0.007	0.017	---	---	3
4	---	---	0.0048	0.0608	0.011	0.015	0.085	0.247	0.005	0.018	---	---	4
5	---	---	0.0068	0.0628	0.011	0.018	0.117	0.195	0.004	0.018	---	---	5
6	---	---	0.0078	0.0628	0.011	0.024	3.36	0.180	0.012	0.018	---	---	6
7	---	---	0.0108	0.0618	0.011	0.020	1.86	0.128	0.015	0.017	---	---	7
8	---	---	0.0178	0.0618	0.013	0.020	1.11	0.077	0.011	0.015	---	---	8
9	---	---	0.0218	0.0608	0.013	0.268	0.888	0.050	0.007	0.018	---	---	9
10	---	---	0.0248	0.0608	0.013	0.185	0.808	0.038	0.005	0.018	---	---	10
11	---	---	0.0288	0.0608	0.011	0.820	0.456	0.034	0.004	0.017	---	---	11
12	---	---	0.0288	0.0608	0.012	1.33	0.372	0.028	0.003	0.018	---	---	12
13	---	---	0.0278	0.0588	0.011	0.702	0.330	0.022	0.003	0.015	---	---	13
14	---	---	0.0288	0.0598	0.017	0.383	0.278	0.018	0.003	0.018	---	---	14
15	---	---	0.0288	0.0728	0.014	0.248	0.288	0.018	0.002	0.021	---	---	15
16	---	---	0.0318	0.0688	0.013	0.338	0.210	0.014	0.008	0.020	---	---	16
17	---	---	0.0328	0.0388	0.063	0.120	0.184	0.016	0.008	0.020	---	---	17
18	---	---	0.0348	0.030	0.100	0.110	0.140	0.506	0.007	0.018	---	---	18
19	---	---	0.0358	0.018	0.044	0.128	0.137	0.498	0.008	0.018	---	---	19
20	---	---	0.0378	0.019	0.028	0.128	0.094	0.288	0.007	0.018	---	---	20
21	---	---	0.0388	0.018	0.016	0.090	0.064	0.218	0.006	0.018	---	---	21
22	---	---	0.0408	0.018	0.015	0.069	0.047	0.171	0.007	0.018	---	---	22
23	---	OB	0.0428	0.017	0.012	0.058	0.032	0.118	0.007	0.068	---	---	23
24	---	OB	0.0438	0.014	0.012	0.078	0.028	0.081	0.008	0.068	---	---	24
25	---	OB	0.0448	0.014	0.012	0.068	0.024	0.062	0.008	0.024	---	---	25
26	---	OB	0.0468	0.013	0.011	0.058	0.022	0.035	0.011	0.017	---	---	26
27	---	OB	0.0488	0.013	0.011	0.051	0.018	0.024	0.011	0.0208	---	---	27
28	---	OB	0.0488	0.014	0.010	0.057	0.017	0.018	0.012	0.0278	---	---	28
29	---	OB	0.0508	0.014	0.008	0.091	0.014	0.018	0.018	0.0388	---	---	29
30	---		0.0528	0.019	0.025	0.148	0.014	0.018	0.018	0.0448	---	---	30
31	---		0.0548		0.044		0.012	0.012		0.0538		---	31
TOTAL	---	---	0.901	1.321	0.612	5.848	10.884	3.984	0.232	0.758	---	---	TOTAL
MEAN	---	---	0.029	0.041	0.020	0.195	0.380	0.128	0.008	0.024	---	---	MEAN
MAX	---	---	0.054	0.072	0.100	1.33	3.36	0.506	0.018	0.068	---	---	MAX
MIN	---	---	0	0.013	0.008	0.018	0.012	0.012	0.002	0.018	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.100
MAXIMUM DAILY, 3.36 ON JUL 6
MINIMUM DAILY, OB ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 35 N
LONG 113 27 45 W
DRAINAGE AREA, 138 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	938
FEB	---	AUG	342
MAR	77.8	SEP	20.0
APR	106	OCT	65.3
MAY	52.8	NOV	---
JUN	505	DEC	---

TOTAL DISCHARGE, 2 110 dam³

STRAWBERRY CREEK NEAR THE MOUTH - STATION NO. 05DP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3228	0.147	0.031	0.088	0.347	0.083	---	0.1258	---	1
2	---	---	0 B	0.3558	0.168	0.026	0.100	0.380	0.087	---	---	---	2
3	---	---	0 B	0.3638	0.138	0.017	0.145	0.422	0.087	---	---	---	3
4	---	---	0 B	0.4258	0.128	0.012	0.175	0.448	0.098	---	---	---	4
5	---	---	0 B	0.4808	0.136	0.028	0.188	0.504	0.087	---	---	---	5
6	---	---	0 B	0.4858	0.128	0.034	13.3	0.884	0.084	---	---	---	6
7	---	---	0.0018	0.4728	0.098	0.022	48.4	0.728	---	---	---	---	7
8	---	---	0.0028	0.4768	0.117	0.034	16.1	0.716	---	---	---	---	8
9	---	---	0.0048	0.4788	0.111	0.219	6.21	0.673	---	---	---	---	9
10	---	---	0.0068	0.4808	0.083	0.182	3.33	0.701	---	---	---	---	10
11	---	---	0.0088	0.4788	0.086	0.214	2.11	0.743	---	---	---	---	11
12	---	---	0.0088	0.4788	0.087	0.100	1.42	0.749	---	---	---	---	12
13	---	---	0.0108	0.4728	0.087	0.088	1.18	0.784	---	---	---	---	13
14	---	---	0.0108	0.4628	0.073	0.085	1.18	0.813	---	---	---	---	14
15	---	---	0.0108	0.4008	0.089	0.081	1.59	0.880	---	---	---	---	15
16	---	---	0.0118	0.3408	0.085	0.086	1.84	1.12	---	---	---	---	16
17	---	---	0.0188	0.228	0.081	0.048	1.31	1.15	---	---	---	---	17
18	---	---	0.0258	0.218	0.048	0.040	0.932	1.33	---	---	---	---	18
19	---	---	0.0308	0.178	0.056	0.031	0.888	1.41	---	---	---	---	19
20	---	---	0.1238	0.281	0.056	0.031	0.443	1.83	---	---	---	---	20
21	---	---	0.1858	0.258	0.040	0.030	0.348	2.27	---	---	---	---	21
22	---	---	0.2508	0.231	0.032	0.038	0.280	3.03	---	---	---	---	22
23	---	---	0.3158	0.208	0.036	0.030	0.175	1.72	---	---	---	---	23
24	---	---	0.3818	0.208	0.034	0.054	0.148	0.877	---	---	---	---	24
25	---	---	0.3988	0.207	0.032	0.058	0.130	0.595	---	---	---	---	25
26	---	---	0.3948	0.208	0.038	0.057	0.128	0.382	---	---	---	---	26
27	---	---	0.3908	0.180	0.018	0.058	0.114	0.338	0.1434	---	---	---	27
28	---	---	0.3158	0.181	0.014	0.082	0.098	0.288	---	---	---	---	28
29	---	---	0.2908	0.182	0.011	0.070	0.121	0.278	---	---	---	---	29
30	---		0.2908	0.181	0.030	0.088	0.224	0.218	---	---	---	---	30
31	---		0.3058		0.040		0.313	0.204		---		---	31
TOTAL	---	---	3 777	8.986	3.218	1.832	102.778	38.373	---	---	---	---	TOTAL
MEAN	---	---	0.122	0.333	0.072	0.061	3.32	0.851	---	---	---	---	MEAN
MAX	---	---	0.398	0.480	0.188	0.219	48.4	3.03	---	---	---	---	MAX
MIN	---	---	0	0.181	0.011	0.012	0.088	0.204	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
88.8 AT 02:27 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 41 N
LONG 114 03 02 W
DRAINAGE AREA, 584 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 889
FEB	---	AUG	2 280
MAR	328	SEP	---
APR	883	OCT	---
MAY	193	NOV	---
JUN	157	DEC	---

STRETTON CREEK NEAR MARWAYNE - STATION NO. 05EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0188	0	0.345	0.048	0	0	0.001	---	---	1
2	---	---	0 B	0.3188	0	0.094	0.018	0	0	0.001	---	---	2
3	---	---	0 B	0.2688	0	0.005	0.001	0	0	0.001	---	---	3
4	---	---	0 B	0.3078	0	0.005	0	0	0	0.001	---	---	4
5	---	---	0 B	0.1958	0	0.001	0.144	0	0	0.001	---	---	5
6	---	---	0 B	0.1328	0	0.001	1.80	0.001	0	0.001	---	---	6
7	---	---	0 B	0.055	0	0	0.347	0	0	0.001	---	---	7
8	---	---	0 B	0.030	0	0	0.154	0	0	0	---	---	8
9	---	---	0.0018	0.022	0	0	0.050	0	0	0	---	---	9
10	---	---	0.0028	0.009	0	0	0.007	0	0	0	---	---	10
11	---	---	0.0038	0.010	0	0	0.006	0	0	0	---	---	11
12	---	---	0.0038	0.021	0	0	0.002	0	0	0	---	---	12
13	---	---	0.0018	0.020	0	0	0	0	0	0	---	---	13
14	---	---	0.0018	0.004	0	0	0	0	0	0	---	---	14
15	---	---	0.0018	0.002	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.002	0	0	0	0	0.001	0	---	---	16
17	---	---	0 B	0.001	0	0	0	0	0.001	0	---	---	17
18	---	---	0 B	0.001	0	0	0	0	0.001	0	---	---	18
19	---	---	0.0018	0.001	0	0	0	0	0.001	0	---	---	19
20	---	---	0.0088	0.001	0	0	0	0.002	0.001	0	---	---	20
21	---	---	0.0228	0.001	0	0	0	0.008	0.001	0	---	---	21
22	---	---	0.0278	0.001	0	0	0	0.818	0.001	0	---	---	22
23	---	---	0.0188	0	0	0	0	0.287	0.001	0	---	---	23
24	---	---	0.0248	0	0	0	0	0.091	0.001	0	---	---	24
25	---	---	0.0288	0	0	0	0	0.018	0.001	0 B	---	---	25
26	---	---	0.0228	0	0	0	0	0.008	0.001	0 B	---	---	26
27	---	---	0.0078	0	0	0	0	0.004	0.001	0 B	---	---	27
28	---	---	0.0018	0	0	0	0	0.002	0.001	0 B	---	---	28
29	---	---	0.0018	0	0	0.007	0	0.001	0.001	0 B	---	---	29
30	---		0.0038	0	0	0.342	0	0.001	0.001	0 B	---	---	30
31	---		0.0048		1.32		0	0		0 B	---	---	31
TOTAL	---	---	0.184	1.334	1.32	0.800	2.277	1.041	0.018	0.007	---	---	TOTAL
MEAN	---	---	0.008	0.041	0.043	0.027	0.073	0.034	0.001	0	---	---	MEAN
MAX	---	---	0.027	0.288	1.32	0.345	1.80	0.818	0.001	0.001	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.028
MAXIMUM DAILY, 1.80 ON JUL 6
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.00 AT 02:52 MST ON MAY 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 28 30 N
LONG 110 19 30 W
DRAINAGE AREA, 82.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	197
FEB	---	AUG	89.8
MAR	16.9	SEP	1.30
APR	107	OCT	0.60
MAY	114	NOV	---
JUN	68.1	DEC	---

TOTAL DISCHARGE, 595 dam³

STURGEON LAKE AT WILLIAMSON PARK - STATION NO. 07EH003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	878.787	878.844	878.820	878.872	---	---	---	1
2	---	---	---	---	878.780	878.787E	878.888	878.821	878.872	---	878.781	---	2
3	---	---	---	---	---	878.787	878.888	878.821	878.872	878.847	---	---	3
4	---	---	---	---	---	878.787	878.888	878.821	878.848	---	---	---	4
5	---	---	---	---	878.780	878.787	878.888	878.821	878.848	---	---	---	5
6	---	---	---	---	878.780	878.787	878.888	878.821	878.848	---	---	---	6
7	---	---	---	---	878.780	878.787	878.888	878.821	878.848	---	---	---	7
8	---	---	---	---	878.780	878.787	878.888	878.821	878.848	---	---	---	8
9	---	---	---	---	878.781	878.817	878.888	878.821	878.848	---	---	---	9
10	---	---	---	---	878.781	878.830E	878.888E	878.821	878.848	---	---	---	10
11	---	---	---	---	878.781	878.842	878.888	878.821	878.848	878.848	---	---	11
12	---	---	---	---	878.781	878.843	878.894	878.821	878.848	---	---	---	12
13	---	---	---	878.788	878.781	878.843	878.894	878.821	878.848	---	---	---	13
14	---	---	---	---	878.788	878.858E	878.894	878.888	---	---	---	---	14
15	---	---	---	---	878.788	878.888	878.894	878.888	---	878.848	---	---	15
16	---	---	---	---	878.788	878.893	878.895	878.888	878.848	---	---	---	16
17	---	---	---	---	878.781	878.818	878.895	878.810E	---	878.847	---	---	17
18	---	---	---	---	---	878.843	878.880	878.822	---	---	---	---	18
19	---	---	---	878.778	878.788	878.843	878.895	878.822	878.848	---	---	---	19
20	---	---	---	---	878.788	878.843	878.895	878.822	---	---	---	---	20
21	---	---	878.780	---	878.788	878.843	878.895	878.822	---	878.848	---	---	21
22	---	---	---	---	---	878.843	878.895	878.810	---	---	---	---	22
23	---	---	---	---	878.781	878.843	878.895	878.887	878.848	---	---	---	23
24	---	---	---	---	878.781	878.843	878.895	878.872	---	878.820	---	---	24
25	---	878.748	---	---	878.781	878.843	878.895	878.872	---	---	---	---	25
26	---	---	---	878.788	878.782	878.843	878.895	878.872	878.848	---	---	---	26
27	---	---	---	---	878.782	878.843	878.848	878.872	878.828	---	---	---	27
28	---	---	---	---	878.782	878.843	878.848	878.872	---	878.821	---	---	28
29	---	---	---	---	878.782	878.843	878.848	878.872	---	---	---	---	29
30	---		---	---	878.782	878.844	878.848	878.872	878.848	---	---	---	30
31	---		---		878.782		878.820	878.872		---		---	31
MEAN	---	---	---	---	---	878.870	878.878	878.808	---	---	---	---	MEAN
MAX	---	---	---	---	---	878.844	878.895	878.822	---	---	---	---	MAX
MIN	---	---	---	---	---	878.787	878.820	878.872	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 878.895 ON JUL 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 05 00 N
LONG 117 33 30 W

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
842 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

STURGEON RIVER NEAR FORT SASKATCHEWAN - STATION NO. 05EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1908	0.720B	0.881	0.081	1.29	7.46	2.52	0.724	0.380	---	1
2	---	---	0.1908	0.843B	1.23	0.084	0.800	7.13	2.36	0.884	0.383	---	2
3	---	---	0.1908	1.25 B	0.878	0.082	0.558	6.74	2.02	0.884	0.318A	---	3
4	---	---	0.1908	1.17 B	0.878	0.084	0.437	6.53	1.81	0.883	---	---	4
5	---	---	0.1908	1.16 B	0.719	0.088	0.842	6.26	1.66	0.818	---	---	5
6	---	---	0.1908	2.15 B	0.588	0.102	5.46	6.44	1.60	0.783	---	---	6
7	---	---	0.1908	3.85 B	0.508	0.083	16.2	6.27	1.48	0.851	---	---	7
8	---	---	0.1888	4.08 B	0.388	0.096	14.7	6.08	1.32	0.828	---	---	8
9	---	---	0.1888	3.80 B	0.445	0.781	10.2	5.85	1.88	0.884	---	---	9
10	---	---	0.1888	3.80 B	0.511	1.25	8.30	5.22	1.59	0.844	---	---	10
11	---	---	0.1888	3.45 B	0.548	1.70	7.93	4.80	1.23	0.888	---	---	11
12	---	---	0.1888	3.20 B	0.478	1.58	8.26	4.42	1.18	0.818	---	---	12
13	---	---	0.1888	2.80 B	0.418	1.81	8.51	4.07	1.09	0.773	---	---	13
14	---	---	0.1888	2.70 B	0.388	1.38	9.12	3.78	1.08	0.737	---	---	14
15	---	---	0.1888	2.40 B	0.401	0.784	9.14	3.84	1.00	0.715	---	---	15
16	---	---	0.1858	1.98	0.402	0.439	9.40	3.33	1.01	0.728	---	---	16
17	---	---	0.2208	1.82	0.481	0.439	9.29	2.88	1.08	0.735	---	---	17
18	---	---	0.3508	1.84	0.388	0.209	9.32	2.98	1.21	0.733	---	---	18
19	---	---	0.3508	1.47	0.315	0.134	9.19	2.84	0.947	0.884	---	---	19
20	---	---	0.3508	1.38	0.288	0.180	9.19	2.79	0.894	0.894	---	---	20
21	---	---	0.3508	1.32	0.210	0.151	9.05	3.81	0.823	0.883	---	---	21
22	---	---	0.3188	1.28	0.178	0.134	8.98	8.31	0.788	0.888	---	---	22
23	---	---	0.2878	1.12	0.180	0.128	8.80	4.80	0.805	0.813	---	---	23
24	---	---	0.2588	0.980	0.144	0.153	8.90	3.88	0.806	0.886	---	---	24
25	---	---	0.2588	0.870	0.118	0.170	8.83	3.33	0.888	0.888	---	---	25
26	---	---	0.2588	0.887	0.088	0.201	8.74	3.03	0.810	0.5708	---	---	26
27	---	---	0.2588	0.803	0.078	0.187	8.83	2.82	0.788	0.5308	---	---	27
28	---	---	0.2588	0.858	0.088	0.388	8.30	2.72	0.723	0.4808	---	---	28
29	---	---	0.2588	0.888	0.080	0.712	8.18	2.88	0.888	0.4508	---	---	29
30	---		0.4308	1.01	0.088	2.10	8.07	2.88	0.883	0.418	---	---	30
31	---		0.8508		0.087		7.87	2.48		0.388		---	31
TOTAL	---	---	7.747	58.051	12.582	15.842	242.178	137.47	35.382	21.288	---	---	TOTAL
MEAN	---	---	0.250	1.87	0.408	0.521	7.81	4.43	1.21	0.887	---	---	MEAN
MAX	---	---	0.550	4.08	1.23	2.10	16.2	7.48	2.52	0.928	---	---	MAX
MIN	---	---	0.185	0.720	0.080	0.082	0.437	2.48	0.883	0.388	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.16
MAXIMUM DAILY, 16.2 ON JUL 7
MINIMUM DAILY, 0.082 ON JUN 3
MAXIMUM INSTANTANEOUS,
16.7 AT 16:53 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 47 14 N
LONG 113 13 33 W
DRAINAGE AREA, 3 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20 900
FEB	---	AUG	11 900
MAR	988	SEP	3 140
APR	4 840	OCT	1 840
MAY	1 090	NOV	---
JUN	1 350	DEC	---

TOTAL DISCHARGE, 45 700 dam³

STURGEON RIVER NEAR MAGNOLIA BRIDGE - STATION NO. 05EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.0888	0.038	0.300	0.225	0.048	0.008	0.048	0.033	---	1
2	---	---	0.0018	0.0988	0.026	0.057	0.180	0.048	0.008	0.084	0.033A	---	2
3	---	---	0.0018	0.1048	0.032	0.031	0.578	0.050	0.008	0.049	---	---	3
4	---	---	0.0018	0.0888	0.021	0.023	0.358	0.048	0.008	0.089	---	---	4
5	---	---	0.0018	0.0888	0.020	0.023	0.388	0.048	0.008	0.088	---	---	5
6	---	---	0.0018	0.1118	0.028	0.030	15.8	0.259	0.008	0.048	---	---	6
7	---	---	0.0018	0.0978	0.024	0.038	21.6	0.432	0.005	0.047	---	---	7
8	---	---	0.0018	0.0788	0.021	0.071	8.07	0.295	0.004	0.048	---	---	8
9	---	---	0.0018	0.0888	0.028	0.718	3.08	0.218	0.004	0.074	---	---	9
10	---	---	0.0058	0.043	0.027	0.578	2.23	0.194	0.003	0.084	---	---	10
11	---	---	0.0058	0.048	0.141	0.347	1.53	0.164	0.004	0.088	---	---	11
12	---	---	0.0058	0.084	0.104	0.338	0.848	0.121	0.014	0.078	---	---	12
13	---	---	0.0078	0.042	0.021	0.231	0.883	0.113	0.002	0.088	---	---	13
14	---	---	0.0078	0.030	0.017	0.139	0.483	0.088	0.003	0.131	---	---	14
15	---	---	0.0088	0.035	0.013	0.089	0.444	0.119	0.003	0.178	---	---	15
16	---	---	0.0128	0.034	0.010	0.073	0.343	0.221	0.005	0.157	---	---	16
17	---	---	0.0138	0.032	0.010	0.080	0.288	0.347	0.008	0.1288	---	---	17
18	---	---	0.0208	0.031	0.010	0.023	0.218	0.497	0.017	0.0838	---	---	18
19	---	---	0.0248	0.030	0.010	0.025	0.182	0.511	0.031	0.062	---	---	19
20	---	---	0.0288	0.028	0.010	0.013	0.184	0.378	0.038	0.020	---	---	20
21	---	---	0.0388	0.027	0.010	0.011	0.131	0.374	0.030	0.012	---	---	21
22	---	---	0.0488	0.026	0.010	0.008	0.114	0.223	0.038	0.007	---	---	22
23	---	0.0018	0.0578	0.024	0.010	0.004	0.108	0.118	0.041	0.027	---	---	23
24	---	0.0018	0.0888	0.023	0.010	0.013	0.088	0.081	0.084	0.030	---	---	24
25	---	0.0018	0.1248	0.021	0.010	0.015	0.084	0.038	0.047	0.028	---	---	25
26	---	0.0018	0.1588	0.020	0.010	0.025	0.084	0.023	0.071	0.0308	---	---	26
27	---	0.0018	0.1588	0.020	0.010	0.428	0.077	0.014	0.070	0.0318	---	---	27
28	---	0.0018	0.1638	0.022	0.010	0.387	0.073	0.012	0.078	0.033	---	---	28
29	---	0.0018	0.1288	0.024	0.010	0.388	0.088	0.007	0.084	0.038	---	---	29
30	---		0.0718	0.028	0.010	0.298	0.088	0.007	0.084	0.040	---	---	30
31	---		0.0588		0.010		0.083	0.007		0.038		---	31
TOTAL	---	---	1.338	1.438	0.718	4.812	58.472	5.188	0.703	1.908	---	---	TOTAL
MEAN	---	---	0.040	0.048	0.023	0.184	1.88	0.187	0.023	0.081	---	---	MEAN
MAX	---	---	0.183	0.111	0.141	0.718	21.6	0.811	0.078	0.178	---	---	MAX
MIN	---	---	0.001	0.020	0.010	0.004	0.083	0.007	0.002	0.007	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.303
MAXIMUM DAILY, 21.6 ON JUL 7
MINIMUM DAILY, 0.0018 ON MAR 1
MAXIMUM INSTANTANEOUS,
47.0 AT 21:40 MST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 38 N
LONG 114 51 35 W
DRAINAGE AREA, 131 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 050
FEB	---	AUG	448
MAR	107	SEP	80.7
APR	124	OCT	185
MAY	62.1	NOV	---
JUN	398	DEC	---

TOTAL DISCHARGE, 6 410 dam³

STURGEON RIVER NEAR VILLENEUVE - STATION NO. 05EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.027B	0.005B	0.020B	0.800B	0.186	0.045	0.340	0.420	0.170	0.033	0.264B	0.234B	1
2	0.023B	0.005B	0.020B	0.800B	0.171	0.045	0.200	0.420	0.160	0.035	0.260B	0.201B	2
3	0.020B	0.005B	0.020B	0.780B	0.175	0.050	0.200	0.440	0.130	0.037	0.260B	0.174B	3
4	0.017B	0.005B	0.020B	0.780B	0.170	0.050	0.200	0.470	0.110	0.040	0.260B	0.181B	4
5	0.013B	0.005B	0.020B	0.680B	0.165	0.070	0.424	0.500	0.080	0.040	0.260B	0.188B	5
6	0.010B	0.005B	0.020B	0.570B	0.159	0.075	8.88	0.480	0.070	0.040	0.260B	0.184B	6
7	0.010B	0.005B	0.020B	0.263B	0.154	0.075	18.2	0.420	0.060	0.040	0.260B	0.208B	7
8	0.010B	0.005B	0.050B	0.291B	0.149	0.200	18.0	0.400	0.060	0.040	0.300B	0.216B	8
9	0.010B	0.005B	0.060B	0.273B	0.144	0.350	14.4	0.380	0.060	0.040	0.300B	0.178B	9
10	0.010B	0.005B	0.070B	0.261B	0.139	0.700	12.3	0.370	0.047	0.040	0.286B	0.168B	10
11	0.010B	0.005B	0.080B	0.207B	0.133	0.710	9.25	0.380	0.040	0.042	0.283B	0.180B	11
12	0.010B	0.005B	0.060B	0.080	0.128	0.720	6.54	0.350	0.038	0.044	0.285B	0.207B	12
13	0.010B	0.005B	0.060B	0.078	0.123	0.550	5.28	0.340	0.035	0.046	0.294B	0.189B	13
14	0.010B	0.005B	0.080B	0.078	0.118	0.410	4.29	0.340	0.031	0.048	0.318B	0.170B	14
15	0.010B	0.005B	0.080B	0.080	0.113	0.300	3.66	0.330	0.029	0.050	0.342B	0.165B	15
16	0.010B	0.005B	0.057B	0.085	0.107	0.250	3.14	0.330	0.030	0.055	0.336B	0.165B	16
17	0.010B	0.005B	0.234B	0.090	0.102	0.120	2.82	0.320	0.030	0.060	0.336B	0.165B	17
18	0.010B	0.005B	0.232B	0.095	0.087	0.060	2.48	0.320	0.030	0.070	0.327B	0.165B	18
19	0.010B	0.005B	0.641B	0.100	0.082	0.080	2.31	0.330	0.030	0.128	0.327B	0.157B	19
20	0.010B	0.005B	0.908B	0.107	0.087	0.055	1.89	0.531	0.030	0.120	0.340B	0.150B	20
21	0.010B	0.005B	0.930B	0.112	0.081	0.038	1.74	0.692	0.030	0.120	0.342B	0.142B	21
22	0.010B	0.005B	0.870B	0.120	0.076	0.036A	1.44	0.695	0.030	0.115	0.346B	0.134B	22
23	0.010B	0.005B	1.00 B	0.127	0.071	0.035E	1.28	0.547	0.030	0.110	0.336B	0.134B	23
24	0.010B	0.005B	0.970B	0.133	0.066	0.035E	1.07	0.636	0.030	0.105	0.303B	0.134B	24
25	0.010B	0.005B	0.930B	0.140	0.060	0.036A	0.896	0.432	0.030	0.100	0.280B	0.134B	25
26	0.010B	0.020B	0.920B	0.144	0.055	0.040	0.771	0.300	0.030	0.100	0.252B	0.134B	26
27	0.008B	0.020B	0.900B	0.149	0.055	0.045	0.560	0.260	0.030	0.120	0.226B	0.134B	27
28	0.008B	0.020B	0.860B	0.153	0.053	0.055	0.418	0.220	0.030	0.230	0.247B	0.134B	28
29	0.007B	0.020B	0.860B	0.157	0.050	0.700	0.420	0.210	0.030	0.240B	0.228B	0.134B	29
30	0.005B		0.830B	0.161	0.047	0.500	0.420	0.190	0.030	0.250B	0.230B	0.134B	30
31	0.005B		0.820B		0.045		0.420	0.180		0.250B		0.134B	31
TOTAL	0.345	0.208	12.720	7.935	3.351	6.424	122.239	12.223	1.560	2.788	8.765	5.133	TOTAL
MEAN	0.011	0.007	0.410	0.265	0.108	0.214	3.94	0.394	0.052	0.090	0.292	0.166	MEAN
MAX	0.027	0.020	1.00	0.800	0.175	0.720	18.2	0.695	0.170	0.250	0.346	0.234	MAX
MIN	0.005	0.005	0.020	0.073	0.045	0.035	0.200	0.180	0.029	0.033	0.226	0.134	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.502
MAXIMUM DAILY, 18.2 ON JUL 7
MINIMUM DAILY, 0.005B ON JAN 31
MAXIMUM INSTANTANEOUS,
19.0 AT 08:17 MST ON JUL 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 15 N
LONG 113 48 42 W
DRAINAGE AREA, 1 910 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29.8	JUL	10 600
FEB	18.0	AUG	1 060
MAR	1 100	SEP	135
APR	686	OCT	241
MAY	290	NOV	757
JUN	555	DEC	443

TOTAL DISCHARGE, 15 800 dam³

SUNDANCE CREEK NEAR BICKERDIKE - STATION NO. 07AF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.141B	0.390B	0.488	0.747	1.05	0.219E	0.118	0.343	---	---	1
2	---	---	0.141B	0.413B	0.479	0.764	0.886	0.219E	0.108	0.323	---	---	2
3	---	---	0.145B	0.424B	0.465	0.787	0.787	0.230E	0.097	0.339	---	---	3
4	---	---	0.150B	0.442B	0.433	0.828	0.736	0.250E	0.088	0.323	---	---	4
5	---	---	0.152B	0.431B	0.430	0.899	0.667	0.233E	0.086	0.323	---	---	5
6	---	---	0.154B	0.423B	0.429	1.04	0.704	0.226E	0.085	0.318	---	---	6
7	---	---	0.162B	0.426B	0.425	1.26	0.878	0.272E	0.085	0.309	---	---	7
8	---	---	0.166B	0.431B	0.434	1.52	0.975	0.300E	0.084	0.321	---	---	8
9	---	---	0.166B	0.436B	0.435	1.95	0.812	0.321E	0.096	0.322	---	---	9
10	---	---	0.167B	0.451B	0.423	2.37	0.723	0.295E	0.106	0.334	---	---	10
11	---	---	0.170B	0.480B	0.421	2.44	0.843	0.278E	0.109	0.326	---	---	11
12	---	---	0.168B	0.511B	0.448	3.58	0.833	0.266E	0.104	0.306	---	---	12
13	---	---	0.174B	0.500B	0.435	4.45	0.747	0.256E	0.095	0.298	---	---	13
14	---	---	0.181B	0.510B	0.436	4.81	0.661	0.249E	0.091	0.292	---	---	14
15	---	---	0.185B	0.547B	0.457	4.21	0.589	0.243E	0.084	0.280	---	---	15
16	---	---	0.191B	0.644B	0.469	3.37	0.483	0.251A	0.085	0.285	---	---	16
17	---	---	0.196B	0.659B	0.442	2.85	0.410	0.269	0.082	0.252	---	---	17
18	---	---	0.207B	0.674B	0.443	2.37	0.330	0.292	0.086	0.242	---	---	18
19	---	---	0.228B	0.689B	0.464	2.04	0.295	0.287	0.126	0.225	---	---	19
20	---	---	0.257B	0.708B	0.476	1.82	0.266	0.274	0.147	0.220	---	---	20
21	---	---	0.262B	0.705B	0.493	1.70	0.266	0.235	0.168	0.216	---	---	21
22	---	---	0.269B	0.699B	0.517	1.59	0.300	0.193	0.189	0.223	---	---	22
23	---	---	0.285B	0.672B	0.530	1.44	0.357	0.167	0.251	0.209	---	---	23
24	---	---	0.296B	0.659B	0.551	1.33	0.362	0.144	0.273	0.205	---	---	24
25	---	---	0.300B	0.606B	0.573	1.22	0.315	0.111	0.292	0.201	---	---	25
26	---	---	0.310B	0.575B	0.604	1.13	0.233A	0.120	0.307	0.200B	---	---	26
27	---	---	0.310B	0.563B	0.634	1.09	0.222E	0.118	0.324	0.181B	---	---	27
28	---	---	0.311B	0.551B	0.664	1.12	0.211E	0.131	0.337	0.162B	---	---	28
29	---	---	0.317B	0.542	0.683	1.17	0.220E	0.130	0.337	0.164B	---	---	29
30	---		0.316B	0.528	0.708	1.17	0.229E	0.140	0.343	0.127B	---	---	30
31	---		0.354B		0.744		0.223E	0.132		0.122B		---	31
TOTAL	---	---	6.841	16.314	15.625	57.116	16.627	6.873	4.805	7.951	---	---	TOTAL
MEAN	---	---	0.221	0.544	0.504	1.90	0.536	0.222	0.160	0.256	---	---	MEAN
MAX	---	---	0.354	0.708	0.744	4.81	1.05	0.321	0.343	0.343	---	---	MAX
MIN	---	---	0.141	0.390	0.421	0.747	0.211	0.111	0.082	0.122	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.535
MAXIMUM DAILY, 4.81 ON JUN 14
MINIMUM DAILY, 0.082 ON SEP 17
MAXIMUM INSTANTANEOUS,
4.90 AT 05:43 MST ON JUN 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 33 58 N
LONG 116 42 12 W
DRAINAGE AREA, 174 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 440
FEB	---	AUG	594
MAR	591	SEP	415
APR	1 410	OCT	687
MAY	1 350	NOV	---
JUN	4 930	DEC	---

TOTAL DISCHARGE, 11 400 dam³

SUNWAPTA RIVER AT ATHABASCA GLACIER - STATION NO. 07AA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.088E	0.888	2.23	2.73	2.85	1.15	0.188A	---	1
2	---	---	---	---	0.101E	0.882	2.84	2.80	3.79	0.883	---	---	2
3	---	---	---	---	0.111E	0.883	2.88	3.36	5.36	0.831	---	---	3
4	---	---	---	---	0.122E	0.831	2.85	5.60	5.60	0.808	---	---	4
5	---	---	---	---	0.136E	0.724	2.92	5.92	5.89	0.838	---	---	5
6	---	---	---	---	0.158E	1.26	2.84	4.22	5.43	0.889	---	---	6
7	---	---	---	---	0.190E	2.34	2.95	3.23	3.47	1.10	---	---	7
8	---	---	---	---	0.226E	2.82	3.27	3.85	1.87	1.15	---	---	8
9	---	---	---	---	0.272E	2.84	3.55	5.32	1.18	1.08	---	---	9
10	---	---	---	---	0.288A	2.28	4.80	5.04	0.926	1.12	---	---	10
11	---	---	---	---	0.488E	1.82	5.40	3.45	0.788	1.34	---	---	11
12	---	---	---	---	0.885E	1.10	4.88	3.76	0.788	1.50	---	---	12
13	---	---	---	---	0.830E	1.15	3.48	4.81	1.28	1.85	---	---	13
14	---	---	---	---	0.800E	1.39	2.78	4.83	2.32	2.28	---	---	14
15	---	---	---	---	0.843E	2.08	2.31	4.32	3.08	1.44	---	---	15
16	---	---	---	---	0.858E	3.40	2.15	3.84	2.02	0.859	---	---	16
17	---	---	---	---	0.821A	4.43	2.11	4.82	1.08	0.585	---	---	17
18	---	---	---	---	0.800	4.78	2.28	4.45	0.737	0.457	---	---	18
19	---	---	---	---	0.738	3.87	2.80	3.81	0.550	0.386	---	---	19
20	---	---	---	---	0.848	3.13	4.09	2.87	0.488	0.328	---	---	20
21	---	---	---	---	0.884	3.00	5.58	3.01	0.388	0.350	---	---	21
22	---	---	---	---	0.758	4.88	5.88	3.18	0.367	0.394	---	---	22
23	---	---	---	---	1.28	5.93	3.87	4.38	0.333	0.260	---	---	23
24	---	---	---	---	1.01	4.87	4.77	5.80	0.310	0.238	---	---	24
25	---	---	---	---	0.948	4.83	5.32	5.72	0.278	0.218	---	---	25
26	---	---	---	---	0.881	5.62	7.83	5.26	0.247	0.204	---	---	26
27	---	---	---	---	0.884	5.24	5.48	4.83	0.231	0.188	---	---	27
28	---	---	---	0.087A	0.884	5.28	4.78	5.87	0.248	0.184	---	---	28
29	---	---	---	0.087E	0.881	4.40	5.28	5.43	0.809	0.170	---	---	29
30	---		---	0.091E	0.802	3.10	5.88	4.02	1.48	0.188A	---	---	30
31	---		---		0.814		3.88	2.73		0.138E		---	31
TOTAL	---	---	---	---	18.847	88.088	122.87	133.71	54.834	23.808	---	---	TOTAL
MEAN	---	---	---	---	0.811	2.87	3.87	4.31	1.83	0.788	---	---	MEAN
MAX	---	---	---	---	1.28	5.24	7.83	5.43	5.43	2.28	---	---	MAX
MIN	---	---	---	---	0.088	0.882	2.11	2.87	0.231	0.188	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.41
MAXIMUM DAILY, 7.83 ON JUL 28
MINIMUM DAILY, 0.088E ON MAY 1
MAXIMUM INSTANTANEOUS,
9.83 AT 17:30 MST ON JUL 28

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 00 N
LONG 117 13 57 W
DRAINAGE AREA, 28.8 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	10 800
FEB	---	AUG	11 800
MAR	---	SEP	4 780
APR	---	OCT	2 080
MAY	1 640	NOV	---
JUN	7 700	DEC	---

TOTAL DISCHARGE, 38 400 dam³

SWAN RIVER NEAR KINUSO - STATION NO. 07BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5188	0.2088	0.2648	3.408	27.0	21.8	24.4	6.71	3.51	3.48	2.17 B	1.08 B	1
2	0.4128	0.2018	0.2808	3.728	31.8	19.2	17.8	6.14	3.13	3.13	2.28 B	1.08 B	2
3	0.3688	0.1688	0.2758	5.188	17.8	20.2	14.3	5.83	3.63	3.86	2.24 B	1.03 B	3
4	0.3288	0.1718	0.2788	5.758	15.8	16.0	17.8	5.88	3.58	3.86	2.17 B	0.8538	4
5	0.3048	0.1718	0.3048	5.818	14.7	13.3	15.8	5.44	3.36	3.57	1.86 B	0.8408	5
6	0.2788	0.1688	0.3378	6.848	14.2	12.4	126	5.06	3.33	3.51	1.70 B	0.8638	6
7	0.2688	0.1688	0.3788	7.788	13.7	12.2	580	5.21	3.22	3.44	1.46 B	0.8748	7
8	0.2648	0.1718	0.4618	8.00	13.1	11.6	378	6.03	3.42	3.37	1.86 B	0.8858	8
9	0.2588	0.1688	0.3488	7.85	13.2	80.2	184 A	5.78	3.06	3.28	1.38 B	0.8978	9
10	0.2448	0.1718	0.7048	8.51	14.4	215 A	88.8	6.05	3.12	3.23	1.38 B	1.06 B	10
11	0.2288	0.1848	1.20 B	10.7	14.7	118	61.5	4.82	3.24	3.22	1.41 B	1.08 B	11
12	0.2268	0.2068	1.86 B	11.8	13.8	124	86.4	4.88	3.19	3.13	1.28 B	1.07 B	12
13	0.2248	0.2278	2.03 B	13.8	13.2	83.8	187	4.82	2.90	3.08	1.23 B	1.06 B	13
14	0.2328	0.2188	2.14 B	16.0	22.4	88.8	104	4.88	2.83	3.07	1.18 B	0.9868	14
15	0.2248	0.2388	2.12 B	24.0	88.8	40.3	82.7	4.20	2.46	2.86	1.08 B	0.9578	15
16	0.2288	0.2468	2.06 B	41.8	82.7	30.2	43.2	3.83	2.38	2.84	1.10 B	1.03 B	16
17	0.2328	0.2618	1.98 B	42.3	36.1	24.8	31.8	4.88	2.43	2.82	1.08 B	1.03 B	17
18	0.2328	0.2668	1.80 B	34.4	27.0	26.0	28.2	7.47	2.88	1.89	1.08 B	0.9248	18
19	0.2408	0.2708	1.80 B	33.0	21.2	28.1	23.4	8.88	2.88	2.01	1.07 B	0.8838	19
20	0.2528	0.2868	2.03 B	42.3	17.8	21.8	21.1	9.88	2.85	2.04	1.08 B	0.8208	20
21	0.2868	0.3038	2.48 B	40.8	15.0	17.4	18.1	10.1	2.73	2.11	1.18 B	0.8088	21
22	0.2568	0.2978	2.88 B	38.8	13.2	14.7	16.8	11.0	2.81	2.81	1.18 B	0.7428	22
23	0.2628	0.2838	2.58 B	35.7	11.8	13.3	13.8	13.1	3.38	3.87	1.23 B	0.8818	23
24	0.2528	0.2668	2.63 B	34.1	13.4	13.8	12.1	9.48	4.30	3.17	1.23 B	0.8208	24
25	0.4048	0.2838	2.83 B	28.7	13.3	14.7	10.9	7.28	3.84	3.20	1.08 B	0.8088	25
26	0.3288	0.2888	2.82 B	24.8	11.3	12.3A	9.81	5.87	3.53	3.33	0.9078	0.8188	26
27	0.2478	0.2778	2.84 B	23.1	10.2	11.8A	8.77	6.12	3.36	2.848	0.8038	0.8018	27
28	0.2388	0.2648	2.60 B	25.2	9.48	12.7A	7.80	4.80	3.32	2.228	0.8848	0.4888	28
29	0.2278	0.2878	2.64 B	28.8	8.78	14.4	7.52	4.08	3.88	2.308	0.8848	0.4888	29
30	0.2178		2.86 B	31.8	14.3	18.4	7.81	3.72	3.71	2.288	1.03 B	0.4738	30
31	0.2068		3.27 B		28.1		7.34	3.88		2.288		0.4888	31
TOTAL	8.881	8.772	53.280	845.03	622.57	1 133.8	2 128.48	182.71	89.88	75.30	40.482	25.897	TOTAL
MEAN	0.277	0.234	1.72	21.5	20.1	37.8	68.7	8.22	2.88	2.48	1.35	0.835	MEAN
MAX	0.518	0.303	3.27	42.3	88.8	215	580	13.1	4.30	3.48	2.28	1.08	MAX
MIN	0.208	0.168	0.278	3.40	8.78	11.8	7.34	3.88	2.22	1.88	0.888	0.488	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 580 ON JUL 7
MINIMUM DAILY, 0.168B ON FEB 7
MAXIMUM INSTANTANEOUS,
884 AT 13:30 MST ON JUL 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 19 00 N
LONG 118 24 30 W
DRAINAGE AREA, 1 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	741	JUL	184 000
FEB	585	AUG	11 700
MAR	6 880	SEP	7 780
APR	85 700	OCT	3 880
MAY	53 800	NOV	2 800
JUN	97 800	DEC	2 240

TOTAL DISCHARGE, 434 000 dam³

SWAN RIVER NEAR SWAN HILLS - STATION NO. 07BJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0388	0.0978	3.70	2.43	2.88	0.858	0.781	0.814	---	---	1
2	---	---	0.0388	0.1128	3.04	2.88	2.10	0.838	0.730	0.788	---	---	2
3	---	---	0.0368	0.1308	2.78	2.39	2.08	0.788	0.885	0.734	---	---	3
4	---	---	0.0328	0.1518	2.53	2.18	1.93	0.753	0.859	0.712	---	---	4
5	---	---	0.0328	0.1548	2.47	2.19	2.05	0.703	0.838	0.701	---	---	5
6	---	---	0.0328	0.1428	2.32	2.37	51.5 A	0.882	0.827	0.881	---	---	6
7	---	---	0.0348	0.1388	2.26	2.40	48.8 A	1.13	0.820	0.884	---	---	7
8	---	---	0.0408	0.1458	2.42	2.38	16.0 A	1.03	0.828	0.828	---	---	8
9	---	---	0.0508	0.1428	2.80	17.5 A	4.37 A	0.947	0.887	0.823	---	---	9
10	---	---	0.0588	0.2368	2.83	14.4	2.80 A	0.907	0.881	0.814	---	---	10
11	---	---	0.0608	0.5028	2.52	8.34	1.81 A	0.886	0.827	0.888	---	---	11
12	---	---	0.0798	0.8878	2.38	6.05	14.1	0.879	0.788	0.802	---	---	12
13	---	---	0.0818	0.8678	2.28	5.04	20.2	0.832	0.704	0.586	---	---	13
14	---	---	0.0828	1.33 B	10.8 A	4.46	10.1	0.778	0.884	0.585	---	---	14
15	---	---	0.0858	1.88 B	8.97	3.80	8.28	0.781	0.841	0.577	---	---	15
16	---	---	0.0788	2.86 B	5.17	2.93	4.31	1.22	0.841	0.588	---	---	16
17	---	---	0.0788	3.62 B	3.87	2.87	3.31	1.87	0.880	0.585	---	---	17
18	---	---	0.0708	3.14 B	3.07	3.38	2.92	2.80	0.871	0.588	---	---	18
19	---	---	0.0708	2.78 B	2.81	2.77	2.92	2.88	0.878	0.571	---	---	19
20	---	---	0.0738	3.62 B	2.30	2.11	2.37	3.40	0.883	0.709	---	---	20
21	---	---	0.0828	3.50 B	2.08	1.84	2.08	3.59	0.780	0.788	---	---	21
22	---	---	0.0848	3.32 B	1.88	1.87	1.84	4.15	1.15	0.810	---	---	22
23	---	---	0.0868	3.22 B	1.83	1.85	1.87	2.80	1.08	0.821	---	---	23
24	---	---	0.0858	3.10 B	1.88	1.78	1.48	1.87	0.845	0.844	---	---	24
25	---	---	0.0788	3.17	1.89	1.85	1.31	1.81	0.838	0.7388	---	---	25
26	---	---	0.0738	2.81	1.87	1.34	1.17	1.28	0.825	0.8818	---	---	26
27	---	---	0.0688	2.87	1.47	1.27	1.04	1.14	0.881	0.8228	---	---	27
28	---	---	0.0688	3.58	1.40	1.28	1.12	1.01	0.848	0.8478	---	---	28
29	---	0.0408	0.0808	4.27	1.37	2.48	1.11	0.917	0.871	0.8348	---	---	29
30	---	---	0.0848	4.48	2.58	3.30	1.04	0.888	0.909	0.8188	---	---	30
31	---	---	0.0738		2.58		0.940	0.888		0.8228		---	31
TOTAL	---	---	1.878	57.233	90.83	114.05	218.390	45.133	23.884	20.878	---	---	TOTAL
MEAN	---	---	0.084	1.81	2.83	3.80	7.04	1.48	0.788	0.887	---	---	MEAN
MAX	---	---	0.084	4.48	10.8	17.5	51.5	4.15	1.15	0.844	---	---	MAX
MIN	---	---	0.032	0.097	1.37	1.28	0.940	0.703	0.837	0.588	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.34
MAXIMUM DAILY, 51.5A ON JUL 6
MINIMUM DAILY, 0.0328 ON MAR 4
MAXIMUM INSTANTANEOUS,
108 AT 18:30 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 48 06 N
LONG 115 28 12 W
DRAINAGE AREA, 155 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18 800
FEB	---	AUG	3 900
MAR	171	SEP	2 080
APR	4 940	OCT	1 780
MAY	7 880	NOV	---
JUN	9 850	DEC	---

TOTAL DISCHARGE, 49 500 dam³

SWIFTCURRENT CREEK AT SHERBURNE - STATION NO. 05AE033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0148	15.4	16.2	7.76	10.2	8.88	0.018	0.007	---	---	1
2	---	---	0.0148	15.2	17.6	2.86	10.2	10.1	0.018	0.007	---	---	2
3	---	---	0.0148	15.0	16.6	0.878	10.7	8.81	0.018	0.007	---	---	3
4	---	---	0.0148	17.4	15.4	8.86	11.0	8.83	0.018	0.007	---	---	4
5	---	---	0.0148	16.6	13.9	10.2	11.7	4.08	0.018	0.007	---	---	5
6	---	---	0.0148	15.3	12.6	10.3	12.0	3.31	0.018	0.007	---	---	6
7	---	---	0.0148	20.7	11.3	10.4	13.1	2.88	0.020	0.007	---	---	7
8	---	---	0.0148	21.7	10.3	8.27	15.0	2.87	0.020	0.007	---	---	8
9	---	---	0.8508	21.3	9.83	3.08	15.6	2.73	0.020	0.007	---	---	9
10	---	---	2.27 B	20.8	10.6	0.908	17.4	2.36	0.021	0.007	---	---	10
11	---	---	2.83 B	21.7	13.0	2.75	20.6	3.29	0.021	0.007	---	---	11
12	---	---	2.83 B	23.4	17.6	3.82	21.6	2.24	0.021	0.007	---	---	12
13	---	---	2.83 B	22.8	18.2	6.98	21.2	2.24	0.020	0.008	---	---	13
14	---	---	4.25 B	22.1	16.9	13.0	20.6	2.32	0.020	0.008	---	---	14
15	---	---	8.40	19.6	7.31	11.4	20.3	2.12	0.018	0.010	---	---	15
16	---	---	16.2	15.0	0.834	8.86	16.7	2.24	0.020	0.010	---	---	16
17	---	---	16.1	14.7	2.28	6.01	17.6	0.783	0.020	2.04	---	---	17
18	---	---	16.0	14.7	5.80	7.28	18.1	0.003	0.020	3.17	---	---	18
19	---	---	15.8	14.6	8.48	8.52	18.1	0.003	0.018	1.18	---	---	19
20	---	---	15.8	14.6	11.2	9.20	14.8	0.003	0.020	0.088	---	---	20
21	---	---	16.0	14.5	11.2	9.23	12.4	0.003	0.018	0.027	---	---	21
22	---	---	17.3	14.3	11.2	8.80	11.0	0.004	0.018	0.008	---	---	22
23	---	---	17.0	14.2	9.37	7.33	10.8	0.008	0.013	0.002	---	---	23
24	---	---	16.8	14.0	8.38	7.31	11.8	0.008	0.013	0.002	---	---	24
25	---	---	16.5	11.1	8.88	7.31	11.8	0.005	0.013	0.003	---	---	25
26	---	---	16.3	8.04	4.84	7.31	11.4	0.008	0.012	0.008	---	---	26
27	---	---	16.1	7.96	1.88	7.82	11.1	0.008	0.013	0.008	---	---	27
28	---	---	10.8	11.5	0.783	8.86	10.7	0.008	0.012	0.008	---	---	28
29	---	---	1.02	17.3	2.18	8.84	10.3	0.008	0.008	0.008	---	---	29
30	---	---	1.02	16.8	7.18	10.3	8.71	0.008	0.007	0.004	---	---	30
31	---	---	10.8		8.71		9.18	0.013		0.002		---	31
TOTAL	---	---	242.812	500.40	314.887	227.884	433.68	88.809	0.522	8.818	---	---	TOTAL
MEAN	---	---	7.83	16.7	10.2	7.59	14.0	2.18	0.017	0.213	---	---	MEAN
MAX	---	---	17.3	23.4	18.2	13.0	21.8	10.1	0.021	3.17	---	---	MAX
MIN	---	---	0.014	7.86	0.783	0.878	8.18	0.003	0.007	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.32
MAXIMUM DAILY, 23.4 ON APR 13
MINIMUM DAILY, 0.002 ON OCT 24
MAXIMUM INSTANTANEOUS,
24.1 AT 15:00 MST ON APR 11

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 49 N
LONG 113 30 59 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	37 500
FEB	---	AUG	5 770
MAR	21 000	SEP	45.2
APR	43 200	OCT	572
MAY	27 200	NOV	---
JUN	19 700	DEC	---

TOTAL DISCHARGE, 155 000 dam³

SYLVAN LAKE AT SYLVAN LAKE - STATION NO. 05CC003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	936.444	---	936.478	936.448	936.421	---	---	1
2	---	---	---	---	---	936.445	---	936.483	936.448	---	936.368	---	2
3	---	---	---	---	936.501	---	---	---	936.447	936.411	---	---	3
4	---	---	---	---	936.498	936.448	936.481	---	936.444	---	---	---	4
5	---	---	---	---	936.495	936.454	---	936.477	---	---	---	---	5
6	---	---	---	---	936.498	936.443	936.520	936.487	936.431	936.407	---	---	6
7	---	---	---	---	---	936.445	---	---	---	936.405	---	---	7
8	---	---	---	936.507	---	936.495	936.511	936.459	936.433	---	---	---	8
9	---	---	---	---	---	---	936.507	---	936.433	936.406	---	---	9
10	---	---	---	---	936.487	936.498	---	936.481	936.431	---	---	---	10
11	---	---	---	---	936.486	---	936.488	936.485	936.429	---	---	---	11
12	---	---	---	---	936.484	936.505	936.505	936.487	---	936.403	---	---	12
13	---	---	---	---	936.491	936.485	936.501	936.451	---	936.401	---	---	13
14	---	---	---	---	936.482	---	936.506	---	---	---	---	---	14
15	---	---	---	---	936.488	936.493	---	936.488	936.433	---	---	---	15
16	---	---	---	---	---	---	---	---	936.431	936.387	---	---	16
17	---	---	---	---	936.484	---	---	---	936.436	---	---	---	17
18	---	---	---	---	936.472	936.488	---	936.476	936.439	936.388	---	---	18
19	---	---	---	---	936.478	936.484	---	936.474	936.439	---	---	---	19
20	---	---	---	---	---	936.490	936.476	936.480	---	---	---	---	20
21	---	---	---	---	---	---	936.478	---	---	936.383	---	---	21
22	---	---	---	---	---	---	936.489	---	---	936.381	---	---	22
23	---	---	936.485	---	936.489	---	936.472	936.466	936.437	---	---	---	23
24	---	---	---	---	---	936.484	---	936.472	936.436	---	---	---	24
25	---	936.480	---	936.503	936.486	936.492	---	936.488	---	936.378	---	---	25
26	---	---	---	---	---	---	936.484	936.484	936.435	---	---	---	26
27	---	---	---	---	936.486	936.478	936.487	---	---	936.371	---	---	27
28	---	---	---	---	936.487	936.484	---	---	---	936.388	---	---	28
29	---	---	---	---	936.486	936.488	936.472	---	936.428	936.388	---	---	29
30	---		---	---	---	936.488	936.488	936.484	936.436	---	---	---	30
31	---		---		---		---	---		936.344		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 18 44 N
LONG 114 06 05 W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 151 km²

TEEPEE CREEK NEAR LA CRETE - STATION NO. 07JD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.777	0.817	0.770	0.332	0	0	0.0088	---	1
2	---	---	0B	0 B	0.741	0.803	1.20	0.303	0	0	0.0086	---	2
3	---	---	0B	0 B	0.708	0.834	1.31	0.278	0	0	0.0085	---	3
4	---	---	0B	0 B	0.740	0.885	1.16	0.293	0	0	---	---	4
5	---	---	0B	0 B	0.838	0.859	1.21	0.289	0	0	---	---	5
6	---	---	0B	0 B	0.870	0.830	1.33	0.288	0	0	---	---	6
7	---	---	0B	0 B	1.06	0.813	1.38	0.285	0	0	---	---	7
8	---	---	0B	0 B	1.04	0.918	1.33	0.211	0	0	---	---	8
9	---	---	0B	0 B	0.973	0.837	1.19	0.186	0	0	---	---	9
10	---	---	0B	0.0028	0.878	1.01	0.987	0.423	0	0	---	---	10
11	---	---	0B	0.0048	0.814	1.16	0.807	0.155	0	0	---	---	11
12	---	---	0B	0.0088	0.778	1.11	0.585	0.114	0	0	---	---	12
13	---	---	0B	0.0408	0.763	1.01	0.623	0.085	0	0	---	---	13
14	---	---	0B	1.45 B	0.718	0.928	0.877	0.078	0	0	---	---	14
15	---	---	0B	3.89 B	0.873	0.865	0.971	0.070	0	0.048	---	---	15
16	---	---	0B	6.17 B	0.834	0.776	1.32	0.048	0.001	0.003	---	---	16
17	---	---	0B	7.23 B	0.886	0.886	1.26	0.038	0.002	0.003	---	---	17
18	---	---	0B	6.03	0.862	0.832	1.13	0.034	0.002	0.003	---	---	18
19	---	---	0B	3.86	0.800	0.867	1.11	0.063	0.002	0.002	---	---	19
20	---	---	0B	2.86	0.827	0.408	1.08	0.181	0.003	0.002	---	---	20
21	---	---	0B	2.38	0.842	0.321	1.09	0.049	0.003	0.0028	---	---	21
22	---	---	0B	1.88	0.838	0.282	0.872	0.031	0.004	0.0028	---	---	22
23	---	---	---	1.80	0.884	0.242	0.774	0.008	0.002	0.0028	---	---	23
24	---	---	0B	1.38	0.880	0.184	0.713	0.016	0.001	0.0048	---	---	24
25	---	---	0B	1.14	0.878	0.181	0.822	0.010	0	0.0058	---	---	25
26	---	---	0B	0.912	0.883	0.121	0.847	0.008	0	0.0058	---	---	26
27	---	---	0B	0.788	0.817	0.118	0.480	0.003	0	0.0058	---	---	27
28	---	---	0B	0.858	0.817	0.107	0.448	0.001	0	0.0028	---	---	28
29	---	---	0B	0.838	0.881	0.118	0.278	0.001	0	0.0028	---	---	29
30	---		0B	0.808	0.824	0.283	0.343	0.002	0.001	0.0058	---	---	30
31	---		0B		0.710		0.328	0.001		0.0058		---	31
TOTAL	---	---	0	43.558	22.003	18.772	28.102	3.834	0.020	0.100	---	---	TOTAL
MEAN	---	---	0	1.45	0.710	0.626	0.907	0.124	0.001	0.003	---	---	MEAN
MAX	---	---	0	7.23	1.06	1.16	1.36	0.423	0.004	0.048	---	---	MAX
MIN	---	---	0	0	0.817	0.107	0.328	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.475
MAXIMUM DAILY, 7.238 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.229 AT 23:30 MST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 08 15 N
LONG 118 °6 55 W
DRAINAGE AREA, 136 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 430
FEB	---	AUG	331
MAR	0	SEP	1.73
APR	3 760	OCT	8.64
MAY	1 900	NOV	---
JUN	1 620	DEC	---

TOTAL DISCHARGE, 10 100 dam³

THREEHILLS CREEK BELOW RAY CREEK - STATION NO. 05CE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0488	0	0 E	0.010	0.001	0	0.018	0B	---	1
2	---	---	0 B	0.0808	0.118	0	0.011	0.002	0	0.012E	0B	---	2
3	---	---	0 B	0.0558	0.026	0	0.008	0	0	0.008E	0B	---	3
4	---	---	0 B	0.1008	0.014	0 E	0.008E	0 E	0 E	0.008E	---	---	4
5	---	---	0 B	0.3208	0	0.018E	0.007	0	0	0.001	---	---	5
6	---	---	0 B	0.2188	0	0.015E	0.014E	0	0	0	---	---	6
7	---	---	0 B	0.1818	0.001	0.060E	0.020	0	0	0	---	---	7
8	---	---	0 B	0.138	0.001	0.232	0.060	0	0	0	---	---	8
9	---	---	0 B	0.084	0	0.173	0.035	0.001	0	0.007	---	---	9
10	---	---	0 B	0.114	0	0.170E	0.028E	0	0 E	0.005E	---	---	10
11	---	---	0 B	0.087	0 E	0.188E	0.023	0	0	0.004E	---	---	11
12	---	---	0 B	0.033	0.001E	0.185E	0.025E	0	0 E	0.002	---	---	12
13	---	---	0 B	0.035	0.001	0.182	0.026	0	0 E	0.002	---	---	13
14	---	---	0 B	0.087	0	0.083	0.032E	0 E	0 E	0.001	---	---	14
15	---	---	0 B	0.014	0 E	0.087	0.039	0	0	0.001	---	---	15
16	---	---	0 B	0.010	0	0.084	0.052E	0 E	0	0	---	---	16
17	---	---	0 B	0.010	0 E	0.039	0.084	0	0	0	---	---	17
18	---	---	0 B	0.007	0 E	0.040	0.084	0	0	0	---	---	18
19	---	---	0.008B	0.001	0	0.060E	0.044E	0.047	0	0.001	---	---	19
20	---	---	0.038B	0.005	0	0.043	0.023	0.042	0	0.002	---	---	20
21	---	---	0.042B	0.001	0	0.058	0.012E	0.077	0 E	0.003	---	---	21
22	---	---	0.045B	0.002	0 E	0.050	0.001	0.287	0	0.001	---	---	22
23	---	---	0.050B	0	0	0.042	0.001E	0.155	0	0.001	---	---	23
24	---	---	0.055B	0	0 E	0.038	0 E	0.084	0	0.001E	---	---	24
25	---	---	0.065B	0	0	0.019	0	0.047	0 E	0.001E	---	---	25
26	---	0B	0.050B	0	0 E	0.017	0 E	0.031	0	0.001	---	---	26
27	---	0B	0.022B	0	0	0.015	0 E	0.015	0	0	---	---	27
28	---	0B	0.007B	0	0	0.014E	0 E	0.008E	0	0 B	---	---	28
29	---	0B	0.008B	0	0	0.013E	0 E	0	0	0 B	---	---	29
30	---		0.012B	0 E	0 E	0.012	0	0	0.000	0 B	---	---	30
31	---		0.038B		0 E		0	0		0 B		---	31
TOTAL	---	---	0.434	1.801	0.170	1.885	0.610	0.788	0.000	0.078	---	---	TOTAL
MEAN	---	---	0.014	0.083	0.008	0.082	0.020	0.025	0	0.002	---	---	MEAN
MAX	---	---	0.065	0.320	0.118	0.232	0.084	0.287	0.000	0.018	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.033
MAXIMUM DAILY, 0.320B ON APR 6
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 58 10 N
LONG 113 36 04 W
DRAINAGE AREA, 187 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	52.7
FEB	---	AUG	68.1
MAR	37.5	SEP	0.78
APR	138	OCT	6.87
MAY	14.7	NOV	---
JUN	161	DEC	---

TOTAL DISCHARGE, 479 dam³

THREEHILLS CREEK NEAR CARBON - STATION NO. 05CE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.418B	0.018	0	0.003	0.025	0	0.006	---	---	1
2	---	---	0 B	0.286B	0.020	0	0.003	0.031	0	0.005	---	---	2
3	---	---	0 B	0.141B	0.021	0	0.004	0.001	0	0.003	---	---	3
4	---	---	0 B	0.155B	0.023	0	0.002	0.028	0	0.005	---	---	4
5	---	---	0 B	0.418B	0.025	0	0.000	0.010	0.023	0.004	---	---	5
6	---	---	0 B	0.88B	0.028	0	0.023	0	0.071	0.006	---	---	6
7	---	---	0 B	0.61B	0.028	0	0.019	0	0.038	0.005	---	---	7
8	---	---	0 B	0.61B	0.030	0.008	0.008	0	0.023	0.002	---	---	8
9	---	---	0 B	0.48?B	0.030	0.033	0.003	0	0.007	0.003	---	---	9
10	---	---	0 B	0.30?B	0.028	0.014	0.001	0	0.051	0.002	---	---	10
11	---	---	0 B	0.24B	0.023	0.019	0	0.002	0.057	0.001	---	---	11
12	---	---	0 B	0.22?B	0.08B	0.013	0	0	0.028	0.001	---	---	12
13	---	---	0.020B	0.12B	0.003	0.006	0	0	0.012	0.001	---	---	13
14	---	---	0.038B	0.07?B	0.08B	0.014	0	0.003	0.001	0.001	---	---	14
15	---	---	0.029B	0.05B	0.041	0.012	0.017	0.070	0	0.001	---	---	15
16	---	0 B	0.021B	0.08B	0.038	0.008	0.027	0.121	0	0.002	---	---	16
17	---	0 B	0.018B	0.08B	0.019	0.001	0.019	0.187	0.001	0.004	---	---	17
18	---	0 B	0.036B	0.012	0.014	0.013	0.013	0.183	0.005	0.001	---	---	18
19	---	0 B	0.033B	0.008	0.008	0.023	0.010	0.375	0.018	0.001	---	---	19
20	---	0 B	0.028B	0.003	0.007	0.019	0.001	0.181	0.088	0.001	---	---	20
21	---	0 B	0.083B	0.004	0.005	0.014	0	0.181	0.045	0.001	---	---	21
22	---	0 B	0.037B	0.008	0.002	0.011	0	0.175	0.014	0.001	---	---	22
23	---	0 B	0.061B	0.007	0.001	0.007	0	0.122	0.001	0	---	---	23
24	---	0 B	0.051B	0.007	0.001	0.004	0	0.101	0.004	0	---	---	24
25	---	0 B	0.051B	0.005	0	0.001	0	0.045	0.000	0	---	---	25
26	---	0.002B	0.068B	0.005	0	0.001	0	0.079	0.058	0	---	---	26
27	---	0.010B	0.021B	0.008	0	0.001	0	0.048	0.027	0.003B	---	---	27
28	---	0.002B	0.028B	0.010	0	0.005	0	0.049	0.013	0.015B	---	---	28
29	---	0 B	0.032B	0.018	0	0.008	0	0.007	0.006	0.048B	---	---	29
30	---		0.061B	0.018	0	0.018	0	0.005	0.004	0.068B	---	---	30
31	---		0.134B		0		0	0		0.007B		---	31
TOTAL	---	---	0.838	4.88B	0.520	0.283	0.183	2.024	0.571	0.286	---	---	TOTAL
MEAN	---	---	0.027	0.183	0.020	0.008	0.008	0.085	0.022	0.010	---	---	MEAN
MAX	---	---	0.134	0.81B	0.083	0.033	0.027	0.375	0.088	0.087	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.040
MAXIMUM DAILY, 0.81B ON APR 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.04 AT 03:45 MST ON AUG 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 53 N
LONG 113 04 18 W
DRAINAGE AREA, 1 070 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14.1
FEB	---	AUG	175
MAR	72.4	SEP	58.0
APR	422	OCT	25.7
MAY	53.8	NOV	---
JUN	21.8	DEC	---

TOTAL DISCHARGE, 843 dam³

THREEPOINT CREEK NEAR MILLARVILLE - STATION NO. 05BL013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0218	0.6858	0.846	0.839	0.397	0.126	0.879	0.584	---	---	1
2	---	---	0.0208	0.6758	0.721	0.606	0.382	2.42	0.833	0.572	---	---	2
3	---	---	0.0208	0.6808	0.693	0.673	0.360	2.80	0.857	0.560	---	---	3
4	---	---	0.0208	0.6808	0.666	0.600	0.382	1.89	0.846	0.548	---	---	4
5	---	---	0.0208	0.6488	0.747	0.882	0.432	1.61	0.497	0.886	---	---	5
6	---	---	0.0228	0.7408	1.07	0.781	0.587	1.28	0.484	0.527	---	---	6
7	---	---	0.0248	0.8008	1.33	1.07	0.808	1.20	0.457	0.517	---	---	7
8	---	---	0.0268	0.4508	1.45	1.87	0.606	1.09	0.435	0.496	---	---	8
9	---	---	0.0288	0.4008	1.61	2.50	0.377	0.940	0.428	0.487	---	---	9
10	---	---	0.0308	0.4508	1.66	2.23	0.312	0.782	0.428	0.473	---	---	10
11	---	---	0.0318	0.7008	1.68	1.82	0.249	1.61	0.842	0.486	---	---	11
12	---	---	0.0318	0.8808	1.63	1.82	0.280	1.60	0.570	0.440	---	---	12
13	---	---	0.0308	0.8188	1.83	1.42	0.234	1.15	0.577	0.414	---	---	13
14	---	---	0.0278	0.8788	1.81	1.38	0.202	0.911	0.838	0.382	---	---	14
15	---	---	0.0238	1.01 B	1.31	1.26	0.188	0.780	0.606	0.360	---	---	15
16	---	---	0.0208	1.42 B	1.23	1.08	0.138	0.701	0.486	0.359	---	---	16
17	---	---	0.0188	1.38	1.18	0.958	0.120	0.681	0.801	0.370	---	---	17
18	---	---	0.0188	1.28	1.06	0.935	0.107	0.676	0.557	0.386	---	---	18
19	---	---	0.0198	1.33	0.952	0.823	0.096	0.755	0.571	0.351	---	---	19
20	---	---	0.0208	1.18	0.850	0.702	0.079	1.06	0.800	0.344	---	---	20
21	---	---	0.0218	0.937	0.782	0.618	0.083	3.19	0.601	0.328	---	---	21
22	---	---	0.0258	0.834	0.705	0.585	0.081	2.70	0.802	0.300	---	---	22
23	---	---	0.0308	0.788	0.648	0.539	0.062	2.11	0.583	0.301	---	---	23
24	---	0.0288	0.0508	0.772	0.820	0.482	0.047	1.88	0.580	0.288	---	---	24
25	---	0.0288	0.2418	0.681	0.630	0.428	0.042	1.42	0.898	0.289	---	---	25
26	---	0.0288	0.4408	0.581	0.577	0.400	0.036	1.25	0.588	0.288A	---	---	26
27	---	0.0248	0.5508	0.586	0.538	0.395	0.034	1.13	0.814	0.283E	---	---	27
28	---	0.0238	0.6508	0.727	0.504	0.378	0.035	1.00	0.815	0.280E	---	---	28
29	---	0.0228	0.7308	0.698	0.501	0.402	0.043	0.885	0.885	0.278E	---	---	29
30	---		0.8008	0.840	0.575	0.458	0.030	0.787	0.671	0.277E	---	---	30
31	---		0.8458		0.750		0.033	0.782		0.278E		---	31
TOTAL	---	---	4.651	25.877	30.877	28.732	7.483	40.845	18.482	12.388	---	---	TOTAL
MEAN	---	---	0.150	0.858	0.980	0.958	0.208	1.32	0.849	0.400	---	---	MEAN
MAX	---	---	0.845	1.42	1.88	2.50	0.808	3.19	0.878	0.584	---	---	MAX
MIN	---	---	0.018	0.400	0.501	0.378	0.030	0.128	0.428	0.278	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.878
MAXIMUM DAILY, 3.19 ON AUG 21
MINIMUM DAILY, 0.0188 ON MAR 18
MAXIMUM INSTANTANEOUS,
3.45 AT 10:52 MST ON AUG 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 14 N
LONG 114 18 38 W
DRAINAGE AREA, 507 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	580
FEB	---	AUG	3 840
MAR	410	SEP	1 420
APR	2 220	OCT	1 070
MAY	2 880	NOV	---
JUN	2 480	DEC	---

TOTAL DISCHARGE, 14 400 dam³

TINDASTOLL CREEK NEAR MARKERVILLE - STATION NO. 05CC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	0.015	0.005	0.002	0	0	0.018	0.014E	---	1
2	---	---	0 B	0 B	0.014	0.004	0.005	0	0	0.014	0.012A	---	2
3	---	---	0 B	0 B	0.010	0.004	0.004	0	0	0.008	---	---	3
4	---	---	0 B	0 B	0.012	0.004	0.011	0	0	0.008	---	---	4
5	---	---	0 B	0.0028	0.012	0.011	0.017	0	0	0.008	---	---	5
6	---	---	0 B	0.0508	0.013	0.013	0.048	0	0	0.007	---	---	6
7	---	---	0 B	0.0918	0.013	0.017	0.085	0.003	0	0.006	---	---	7
8	---	---	0 B	0.2558	0.012	0.023	0.126	0.001	0	0.004	---	---	8
9	---	---	0 B	0.2978	0.011	0.220	0.113	0.001	0	0.003	---	---	9
10	---	---	0 B	0.1858	0.012	0.351	0.082	0.001	0	0.003	---	---	10
11	---	---	0 B	0.280	0.011	0.288	0.020	0.018	0	0.004	---	---	11
12	---	---	0 B	0.214	0.011	0.188	0.018	0.006	0	0.004	---	---	12
13	---	---	0 B	0.184	0.012	0.084	0.010	0.003	0	0.002	---	---	13
14	---	---	0 B	0.120	0.013	0.054	0.008	0.003	0	0.002	---	---	14
15	---	---	0 B	0.086	0.012	0.028	0.009	0.003	0	0.003	---	---	15
16	---	---	0.0018	0.086	0.015	0.013	0.008	0.004	0.001	0.004	---	---	16
17	---	---	0.0028	0.077	0.015	0.008	0.003	0.004	0.018	0.005	---	---	17
18	---	---	0.0238	0.084	0.015	0.004	0.003	0.007	0.037	0.004	---	---	18
19	---	---	0.0158	0.060	0.016	0.003	0.003	0.010	0.026	0.003	---	---	19
20	---	---	0.0208	0.048	0.017	0.002	0.002	0.026	0.063	0.036	---	---	20
21	---	---	0.0188	0.045	0.013	0.002	0.002	0.040	0.080	0.007	---	---	21
22	---	---	0.0088	0.047	0.013	0.002	0.001	0.052	0.047	0.004	---	---	22
23	---	---	0.0128	0.032	0.008	0.002	0	0.018	0.048	0.008	---	---	23
24	---	---	0.0158	0.025	0.005	0.001	0	0.018	0.045	0.004	---	---	24
25	---	0B	0.0038	0.023	0.004	0	0	0.028	0.038	0.006	---	---	25
26	---	0B	0.0028	0.022	0.003	0	0	0.021	0.043	0.005	---	---	26
27	---	0B	0.0018	0.020	0.003	0	0	0.018	0.048	0.005A	---	---	27
28	---	0B	0 B	0.018	0.002	0	0	0.004	0.050	0.004E	---	---	28
29	---	0B	0 B	0.016	0.002	0	0	0.002	0.040	0.005E	---	---	29
30	---		0 B	0.016	0.002	0	0	0.001	0.026	0.013E	---	---	30
31	---		0 B		0.002		0	0		0.016E		---	31
TOTAL	---	---	0.116	2.302	0.320	1.289	0.596	0.293	0.888	0.236	---	---	TOTAL
MEAN	---	---	0.004	0.077	0.010	0.043	0.018	0.009	0.020	0.007	---	---	MEAN
MAX	---	---	0.023	0.297	0.017	0.351	0.128	0.052	0.052	0.036	---	---	MAX
MIN	---	---	0	0	0.002	0	0	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 0.351 ON JUN 10
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 06 52 N
LONG 114 07 10 W
DRAINAGE AREA, 142 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	48.1
FEB	---	AUG	24.5
MAR	10.2	SEP	80.8
APR	189	OCT	19.8
MAY	27.8	NOV	---
JUN	113	DEC	---

TOTAL DISCHARGE, 493 dam³

TODD CREEK AT ELTON'S RANCH - STATION NO. 05AA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.173	0.093	0.280	0.082	0.001	0	0	0.070A	---	1
2	---	---	---	0.237	0.064	0.194	0.085	0.001	0	0	---	---	2
3	---	---	---	0.268	0.072	0.164	0.086	0.050	0	0	---	---	3
4	---	---	---	0.318	0.086	0.136	0.081	0.057	0	0	---	---	4
5	---	---	---	0.268	0.311	0.180	0.084	0.032	0	0	---	---	5
6	---	---	---	0.231	0.853	0.184	0.136	0.018	0	0	---	---	6
7	---	---	---	0.868	0.470	0.181	0.130	0.011	0	0.141	---	---	7
8	---	---	---	0.520	0.236	0.238	0.087	0.009	0	0.053	---	---	8
9	---	---	---	0.267	0.187	0.200	0.087	0.006	0	0.018	---	---	9
10	---	---	---	0.234	0.187	0.248	0.081	0.015	0	0.007	---	---	10
11	---	---	---	0.188	0.186	0.187	0.080	0.012	0	0.003	---	---	11
12	---	---	---	0.354	0.121	0.180	0.083	0.008	0	0.002	---	---	12
13	---	---	---	0.273	0.105	0.156	0.085	0.006	0	0.002	---	---	13
14	---	---	---	0.240	0.104	0.174	0.048	0.003	0	0.001	---	---	14
15	---	---	---	0.243	0.085	0.182	0.033	0.003	0	0.001	---	---	15
16	---	---	---	0.247	0.078	0.145	0.034	0.003	0	0.001	---	---	16
17	---	---	---	0.271	0.116	0.157	0.024	0.003	0	0.001	---	---	17
18	---	---	---	0.248	0.111	0.138	0.018	0.003	0	0.001	---	---	18
19	---	---	---	0.223	0.102	0.090	0.014	0.003	0	0.001	---	---	19
20	---	---	---	0.237	0.101	0.073	0.032	0.002	0	0.001	---	---	20
21	---	---	---	0.248	0.108	0.085	0.024	0.002	0	0	---	---	21
22	---	---	---	0.216	0.121	0.047	0.019	0.002	0	0	---	---	22
23	---	---	---	0.178	0.111	0.083	0.011	0.002	0	0	---	---	23
24	---	---	0.173A	0.169	0.102	0.050	0.008	0.001	0	0.001	---	---	24
25	---	---	0.184	0.150	0.111	0.037	0.003	0.001	0	0.003	---	---	25
26	---	---	0.168	0.141	0.114	0.030	0.002	0.001	0	0.010	---	---	26
27	---	---	0.167	0.238	0.085	0.027	0.002	0	0	0.018	---	---	27
28	---	---	0.211	0.169	0.100	0.042	0.002	0	0	0.028	---	---	28
29	---	---	0.185	0.130	0.101	0.093	0.002	0	0	0.028	---	---	29
30	---		0.227	0.109	0.151	0.121	0.001	0	0	0.028	---	---	30
31	---		0.139		0.234		0.001	0		0.043		---	31
TOTAL	---	---	---	7.303	4.881	4.013	1.304	0.253	0	0.398	---	---	TOTAL
MEAN	---	---	---	0.243	0.150	0.134	0.042	0.008	0	0.013	---	---	MEAN
MAX	---	---	---	0.868	0.853	0.280	0.136	0.057	0	0.141	---	---	MAX
MIN	---	---	---	0.109	0.068	0.027	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 0.868 ON APR 7
MINIMUM DAILY, 0 ON AUG 27
MAXIMUM INSTANTANEOUS,
1.02 AT 17:25 MST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 27 N
LONG 114 07 37 W
DRAINAGE AREA, 144 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	113
FEB	---	AUG	21.8
MAR	---	SEP	0
APR	631	OCT	33.6
MAY	403	NOV	---
JUN	347	DEC	---

TOTAL DISCHARGE, 1 550 dam³

TODD CREEK NEAR HIGHWAY NO.22 - STATION NO. 05AA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.350B	0.110	0.345	0.134	0.139	0.017	0.034	---	---	1
2	---	---	---	0.350B	0.088	0.261	0.100	0.236	0.019	0.037	---	---	2
3	---	---	---	0.350B	0.088	0.224	0.133	0.121	0.023	0.027	---	---	3
4	---	---	---	0.351	0.201	0.243	0.106	0.082	0.025	0.042	---	---	4
5	---	---	---	0.182	0.891	0.258	0.170	0.089	0.028	0.048	---	---	5
6	---	---	---	0.347	0.818	0.248	0.193	0.080	0.035	0.834	---	---	6
7	---	---	---	1.08	0.478	0.271	0.128	0.076	0.015	0.084	---	---	7
8	---	---	---	0.348	0.328	0.537	0.126	0.084	0.012	0.007	---	---	8
9	---	---	---	0.208	0.250	0.521	0.106	0.057	0.010	0.001	---	---	9
10	---	---	---	0.176	0.200	0.313	0.098	0.052	0.020	0.008	---	---	10
11	---	---	---	0.231	0.184	0.262	0.087	0.055	0.035	0.015	---	---	11
12	---	---	---	0.304	0.158	0.238	0.112	0.084	0.040	0.008	---	---	12
13	---	---	---	0.247	0.158	0.288	0.092	0.058	0.038	0.004	---	---	13
14	---	---	---	0.237	0.141	0.258	0.088	0.044	0.024	0.048	---	---	14
15	---	---	---	0.238	0.120	0.242	0.079	0.044	0.024	0.013	---	---	15
16	---	---	---	0.272	0.134	0.231	0.083	0.048	0.017	0.028	---	---	16
17	---	---	---	0.248	0.168	0.222	0.080	0.058	0.033	0.033	---	---	17
18	---	---	---	0.225	0.168	0.201	0.091	0.088	0.050	0.030	---	---	18
19	---	---	---	0.232	0.184	0.178	0.091	0.043	0.044	0.028	---	---	19
20	---	---	---	0.248	0.187	0.163	0.080	0.044	0.058	0.031	---	---	20
21	---	---	---	0.201	0.188	0.189	0.082	0.054	0.053	0.033	---	---	21
22	---	---	---	0.187	0.178	0.177	0.083	0.049	0.038	0.040	---	---	22
23	---	---	---	0.144	0.168	0.153	0.048	0.038	0.043	0.040	---	---	23
24	---	---	---	0.140	0.181	0.123	0.053	0.020	0.037	0.041	---	---	24
25	---	---	---	0.182	0.155	0.094	0.048	0.028	0.091	0.041	---	---	25
26	---	---	---	0.402	0.155	0.133	0.040	0.022	0.133	0.040B	---	---	26
27	---	---	---	0.194	0.155	0.128	0.051	0.026	0.072	0.040B	---	---	27
28	---	---	---	0.155	0.158	0.154	0.029	0.049	0.049	0.040B	---	---	28
29	---	---	---	0.153	0.224	0.195	0.048	0.026	0.045	0.040B	---	---	29
30	---		---	0.145	0.286	0.148	0.035	0.018	0.027	0.040B	---	---	30
31	---		---		0.583		0.026	0.016		0.040B		---	31
TOTAL	---	---	---	5.066	7.473	5.982	2.583	1.532	1.137	1.587	---	---	TOTAL
MEAN	---	---	---	0.269	0.241	0.232	0.067	0.059	0.036	0.051	---	---	MEAN
MAX	---	---	---	1.08	0.891	0.537	0.193	0.236	0.133	0.834	---	---	MAX
MIN	---	---	---	0.140	0.088	0.094	0.026	0.016	0.012	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.118
MAXIMUM DAILY, 0.891 ON MAY 5
MINIMUM DAILY, 0.001 ON OCT 8
MAXIMUM INSTANTANEOUS,
4.03 AT 17:26 MST ON APR 26

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 40 N
LONG 114 14 00 W
DRAINAGE AREA, 73.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	332
FEB	---	AUG	158
MAR	---	SEP	96.2
APR	597	OCT	135
MAY	648	NOV	---
JUN	602	DEC	---

TOTAL DISCHARGE, 1 870 dam³

TOMAHAWK CREEK NEAR TOMAHAWK - STATION NO. 05DE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0120	0.1180	0.055	0.010	0.290	0.052	0.095	0.185	0.0510	---	1
2	---	---	0.0120	0.0980	0.044	0.048	0.248	0.052	0.091	0.184	---	---	2
3	---	---	0.0120	0.1080	0.045	0.052	0.306	0.041	0.090	0.185	---	---	3
4	---	---	0.0120	0.1080	0.045	0.007	0.308	0.033	0.084	0.200	---	---	4
5	---	---	0.0120	0.1010	0.030	0.001	0.427	0.040	0.053	0.157	---	---	5
6	---	---	0.0120	0.0880	0.007	0.013	9.87	0.283	0.052	0.154	---	---	6
7	---	---	0.0150	0.0870	0.001	0.010	12.1	0.372	0.131	0.144	---	---	7
8	---	---	0.0200	0.0830	0.002	0.023	9.38	0.306	0.105	0.170	---	---	8
9	---	---	0.0300	0.0580	0.006	0.212	2.88	0.188	0.053	0.143	---	---	9
10	---	---	0.0250	0.0940	0.079	0.188	2.78	0.180	0.117	0.119	---	---	10
11	---	---	0.0200	0.0540	0.005	0.111	1.87	0.108	0.105	0.118	---	---	11
12	---	---	0.0250	0.0380	0.001	0.183	1.24	0.073	0.117	0.114	---	---	12
13	---	---	0.0280	0.0488	0.001	0.111	0.995	0.062	0.113	0.107	---	---	13
14	---	---	0.0200	0.0525	0.006	0.084	0.752	0.018	0.084	0.108	---	---	14
15	---	---	0.0150	0.0488	0.013	0.042	0.745	0.040	0.094	0.085	---	---	15
16	---	---	0.0150	0.060	0.012	0.042	0.656	0.201	0.102	0.082	---	---	16
17	---	---	0.0200	0.024	0.006	0.033	0.427	0.324	0.228	0.075	---	---	17
18	---	---	0.0300	0.040	0.013	0.033	0.368	0.428	0.176	0.115	---	---	18
19	---	---	0.0500	0.058	0.013	0.011	0.361	0.288	0.171	0.083	---	---	19
20	---	---	0.0780	0.078	0.008	0.002	0.318	0.178	0.218	0.079	---	---	20
21	---	---	0.0870	0.018	0.005	0.001	0.284	0.171	0.213	0.080	---	---	21
22	---	---	0.0900	0.004	0.006	0.001	0.247	0.102	0.188	0.089	---	---	22
23	---	---	0.0900	0.003	0.004	0.012	0.208	0.043	0.177	0.081	---	---	23
24	---	---	0.1000	0.008	0.003	0.065	0.186	0.018	0.188	0.082	---	---	24
25	---	---	0.0900	0.001	0.003	0.068	0.154	0.053	0.184	0.070	---	---	25
26	---	---	0.0850	0.001	0.001	0.071	0.188	0.070	0.278	0.077	---	---	26
27	---	---	0.0800	0.015	0.001	0.121	0.115	0.088	0.241	0.0898	---	---	27
28	---	---	0.0820	0.014	0.001	0.500	0.081	0.130	0.238	0.0868	---	---	28
29	---	---	0.0868	0.030	0.001	0.280	0.058	0.088	0.220	0.0428	---	---	29
30	---		0.0478	0.014	0.017	0.280	0.083	0.124	0.217	0.0208	---	---	30
31	---		0.0908		0.036		0.077	0.128		0.0398		---	31
TOTAL	---	---	1.294	1.490	0.474	2.839	43.844	4.188	4.831	3.472	---	---	TOTAL
MEAN	---	---	0.042	0.050	0.015	0.094	1.41	0.135	0.161	0.112	---	---	MEAN
MAX	---	---	0.100	0.118	0.079	0.500	12.1	0.428	0.278	0.200	---	---	MAX
MIN	---	---	0.012	0.001	0.001	0.001	0.058	0.018	0.082	0.020	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.353
MAXIMUM DAILY, 12.1 ON JUL 7
MINIMUM DAILY, 0.001 ON APR 25
MAXIMUM INSTANTANEOUS,
17.7 AT 21:30 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 21 N
LONG 114 45 41 W
DRAINAGE AREA, 105 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 770
FEB	---	AUG	383
MAR	113	SEP	381
APR	138	OCT	300
MAY	41.0	NOV	---
JUN	344	DEC	---

TOTAL DISCHARGE, 5 350 dam³

TOUCH CREEK NEAR BEAZER - STATION NO. 05AE039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.147	0.378	0.267	0.071	0.018	0.003	0.007	---	---	1
2	---	---	---	0.183	0.343	0.238	0.052	0.018	0.002	0.007	---	---	2
3	---	---	---	0.262	0.327	0.221	0.055	0.018	0.003	0.006	---	---	3
4	---	---	---	0.334	0.337	0.210	0.046	0.018	0.002	0.006	---	---	4
5	---	---	---	0.209	0.378	0.198	0.053	0.014	0.002	0.006	---	---	5
6	---	---	---	0.293	0.480	0.210	0.078	0.018	0.002	0.006	---	---	6
7	---	---	---	0.720	1.28	0.263	0.055	0.014	0.002	0.006	---	---	7
8	---	---	---	0.418	0.871	0.235	0.045	0.013	0.004	0.006	---	---	8
9	---	---	---	0.310	0.713	0.214	0.043	0.014	0.005	0.006	---	---	9
10	---	---	---	0.280	0.801	0.237	0.043	0.013	0.007	0.006	---	---	10
11	---	---	---	0.278	0.838	0.203	0.044	0.010	0.015	0.006	---	---	11
12	---	---	---	0.425	0.513	0.166	0.042	0.008	0.008	0.006	---	---	12
13	---	---	---	0.388	0.481	0.176	0.032	0.008	0.008	0.006	---	---	13
14	---	---	---	0.426	0.447	0.158	0.026	0.007	0.008	0.006	---	---	14
15	---	---	---	0.438	0.401	0.143	0.025	0.007	0.010	0.007	---	---	15
16	---	---	---	0.487	0.371	0.131	0.024	0.008	0.012	0.007	---	---	16
17	---	---	---	0.435	0.372	0.125	0.022	0.007	0.014	0.008	---	---	17
18	---	---	---	0.432	0.350	0.122	0.020	0.007	0.014	0.006	---	---	18
19	---	---	---	0.428	0.328	0.089	0.018	0.007	0.013	0.005	---	---	19
20	---	---	---	0.388	0.314	0.087	0.017	0.008	0.013	0.008	---	---	20
21	---	---	---	0.368	0.391	0.088	0.018	0.008	0.013	0.007	---	---	21
22	---	---	0.1264	0.327	0.284	0.080	0.014	0.008	0.013	0.008	---	---	22
23	---	---	0.100	0.331	0.288	0.071	0.013	0.010	0.013	0.008	---	---	23
24	---	---	0.110	0.337	0.288	0.088	0.011	0.008	0.013	0.008	---	---	24
25	---	---	0.088	0.331	0.278	0.072	0.011	0.008	0.013	0.008	---	---	25
26	---	---	0.126	0.348	0.251	0.088	0.010	0.008	0.012	0.010	---	---	26
27	---	---	0.188	0.355	0.248	0.086	0.009	0.008	0.011	0.012	---	---	27
28	---	---	0.140	0.402	0.240	0.077	0.009	0.007	0.008	0.014	---	---	28
29	---	---	0.120	0.445	0.233	0.111	0.008	0.008	0.008	0.015	---	---	29
30	---		0.102	0.447	0.258	0.088	0.008	0.008	0.007	0.015	---	---	30
31	---		0.112		0.332		0.009	0.004		0.015E		---	31
TOTAL	---	---	---	10.947	13.610	4.713	0.953	0.309	0.280	0.289	---	---	TOTAL
MEAN	---	---	---	0.385	0.413	0.157	0.031	0.010	0.009	0.009	---	---	MEAN
MAX	---	---	---	0.720	1.28	0.335	0.078	0.018	0.015	0.015	---	---	MAX
MIN	---	---	---	0.147	0.233	0.088	0.008	0.004	0.002	0.005	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.105
MAXIMUM DAILY, 1.28 ON MAY 7
MINIMUM DAILY, 0.002 ON SEP 2
MAXIMUM INSTANTANEOUS,
1.72 AT 16:35 MST ON MAY 7

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 00 N
LONG 113 32 00 W
DRAINAGE AREA, 38.6 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	63.3
FEB	---	AUG	29.4
MAR	---	SEP	23.8
APR	966	OCT	23.3
MAY	1 110	NOV	---
JUN	697	DEC	---

TOTAL DISCHARGE, 1 870 dam³

TRAP CREEK NEAR LONGVIEW - STATION NO. 08BL027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.836	1.26	0.712	0.898	0.568	0.471	---	---	1
2	---	---	---	---	0.883	1.13	0.888	1.17	0.558	0.480	---	---	2
3	---	---	---	---	0.891	1.06	0.885	1.00	0.538	0.485	---	---	3
4	---	---	---	---	0.818	1.08	0.830	1.07	0.526	0.488	---	---	4
5	---	---	---	---	0.886	1.30	0.709	1.02	0.519	0.478	---	---	5
6	---	---	---	---	0.856	1.46	0.674	1.29	0.501	0.487	---	---	6
7	---	---	---	---	0.781	2.75	0.667	1.10	0.508	0.487	---	---	7
8	---	---	---	---	1.01	3.66	0.657	0.956	0.492	0.446	---	---	8
9	---	---	---	---	1.07	3.08	0.646	0.877	0.484	0.444	---	---	9
10	---	---	---	---	1.07	2.65	0.644	0.869	0.522	0.438	---	---	10
11	---	---	---	---	2.00	2.21	0.662	1.04	0.483	0.432	---	---	11
12	---	---	---	---	2.28	1.94	0.626	1.06	0.470	0.433	---	---	12
13	---	---	---	---	2.36	1.73	0.615	1.22	0.484	0.426	---	---	13
14	---	---	---	---	1.67	1.65	0.603	1.13	0.481	0.419	---	---	14
15	---	---	---	---	1.37	1.42	0.495	1.04	0.447	0.418	---	---	15
16	---	---	---	---	1.34	1.35	0.488	0.986	0.454	0.418	---	---	16
17	---	---	---	---	1.84	1.32	0.518	0.942	0.472	0.416	---	---	17
18	---	---	---	---	1.28	1.24	0.496	0.906	0.464	0.428	---	---	18
19	---	---	---	---	1.17	1.15	0.484	0.857	0.457	0.395	---	---	19
20	---	---	---	---	1.15	1.08	0.471	0.811	0.470	0.383	---	---	20
21	---	---	---	---	1.07	1.03	0.484	0.826	0.441	0.377	---	---	21
22	---	---	---	---	1.08	0.985	0.446	0.782	0.439	0.386	---	---	22
23	---	---	---	---	1.26	0.937	0.442	0.763	0.483	0.373	---	---	23
24	---	---	---	---	1.30	0.886	0.458	0.726	0.486	0.375	---	---	24
25	---	---	---	---	1.06	0.833	0.461	0.717	0.473	0.370	---	---	25
26	---	---	---	---	1.02	0.803	0.446	0.718	0.468	0.3808	---	---	26
27	---	---	---	---	1.03	0.766	0.426	0.695	0.464	0.3408	---	---	27
28	---	---	---	0.5708A	0.878	0.829	0.426	0.674	0.460	0.3208	---	---	28
29	---	---	---	0.744	1.02	0.787	0.418	0.652	0.457	0.3008	---	---	29
30	---		---	0.720	1.09	0.764	0.410	0.641	0.468	0.280	---	---	30
31	---		---		1.34		0.434	0.622		0.451A		---	31
TOTAL	---	---	---	---	37.831	42.864	18.188	31.230	14.468	12.765	---	---	TOTAL
MEAN	---	---	---	---	1.22	1.43	0.523	1.01	0.482	0.411	---	---	MEAN
MAX	---	---	---	---	2.36	3.66	0.712	1.67	0.568	0.488	---	---	MAX
MIN	---	---	---	---	0.781	0.764	0.410	0.622	0.439	0.280	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.845
MAXIMUM DAILY, 3.66 ON JUN 8
MINIMUM DAILY, 0.280 ON OCT 30
MAXIMUM INSTANTANEOUS,
4.71 AT 01:14 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 35 N
LONG 114 28 28 W
DRAINAGE AREA, 137 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 400
FEB	---	AUG	3 700
MAR	---	SEP	1 250
APR	---	OCT	1 100
MAY	3 260	NOV	---
JUN	3 710	DEC	---

TOTAL DISCHARGE, 13 400 dam³

TROUT CREEK NEAR CRANUM - STATION NO. 08AB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0008	0.072	0.017	0	0	0	0	0	0	---	1
2	---	---	0.0008	0.068	0.014	0	0	0	0	0	0	---	2
3	---	---	0.0008	0.128	0.012	0	0	0	0	0	---	---	3
4	---	---	0.0008	0.118	0.024	0	0	0	0	0	---	---	4
5	---	---	0.1008	0.107	0.078	0	0	0	0	0	---	---	5
6	---	---	0.1008	0.091	0.123	0	0	0	0	0	---	---	6
7	---	---	0.1008	0.078	0.110	0.109	0	0	0	0	---	---	7
8	---	---	0.1208	0.060	0.103	0.151	0	0	0	0	---	---	8
9	---	---	0.1508	0.055	0.082	0.077	0	0	0	0	---	---	9
10	---	---	0.1738	0.050	0.051	0.030	0	0	0	0	---	---	10
11	---	---	0.1658	0.042	0.031	0.007	0	0	0	0	---	---	11
12	---	---	0.1658	0.038	0.019	0	0	0	0	0	---	---	12
13	---	---	0.1308	0.040	0.022	0	0	0	0	0	---	---	13
14	---	---	0.1308	0.035	0.018	0	0	0	0	0	---	---	14
15	---	---	0.1308	0.022	0.011	0	0	0	0	0	---	---	15
16	---	---	0.1308	0.018	0.010	0	0	0	0	0	---	---	16
17	---	---	0.1208	0.020	0.007	0	0	0	0	0	---	---	17
18	---	---	0.1008	0.023	0.007	0	0	0	0	0	---	---	18
19	---	---	0.1408	0.025	0.004	0	0	0	0	0	---	---	19
20	---	---	0.1808	0.031	0.004	0	0	0	0	0	---	---	20
21	---	---	0.1408	0.028	0.001	0	0	0	0	0	---	---	21
22	---	---	0.1408	0.025	0	0	0	0	0	0	---	---	22
23	---	0.0078	0.1408	0.022	0	0	0	0	0	0	---	---	23
24	---	0.0308	0.1408	0.023	0	0	0	0	0	0	---	---	24
25	---	0.0658	0.137	0.034	0	0	0	0	0	0	---	---	25
26	---	0.0808	0.111	0.041	0	0	0	0	0	0	---	---	26
27	---	0.0808	0.113	0.040	0	0	0	0	0	0	---	---	27
28	---	0.0808	0.102	0.038	0	0	0	0	0	0	---	---	28
29	---	0.0808	0.091	0.034	0	0	0	0	0	0	---	---	29
30	---		0.083	0.018	0	0	0	0	0	0	---	---	30
31	---		0.091		0		0	0		0		---	31
TOTAL	---	---	3.691	1.418	0.748	0.374	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.119	0.047	0.024	0.012	0	0	0	0	---	---	MEAN
MAX	---	---	0.173	0.128	0.123	0.151	0	0	0	0	---	---	MAX
MIN	---	---	0.080	0.018	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.025
MAXIMUM DAILY, 0.1738 ON MAR 10
MINIMUM DAILY, 0 ON MAY 22
MAXIMUM INSTANTANEOUS,
0.706 AT 19:22 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 35 N
LONG 113 41 07 W
DRAINAGE AREA, 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	310	SEP	0
APR	123	OCT	0
MAY	84.8	NOV	---
JUN	33.3	DEC	---

TOTAL DISCHARGE, 539 dam³

TWELVE MILE COULEE SPILLWAY NEAR CARSELAND - STATION NO. 05BM009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.078	0.209	0.398	0.012	0.181	---	---	1
2	---	---	---	---	0.022	0.077	0.070	0.318	0.012	0.142	---	---	2
3	---	---	---	---	0.055	0.075	0.085	0.217	0.011	0.155	---	---	3
4	---	---	---	---	0.043	0.082	0.083	0.085	0.011	0.200	---	---	4
5	---	---	---	---	0.033	0.083	0.084	0.041	0.012	0.202	---	---	5
6	---	---	---	---	0.035	0.117	0.107	0.027	0.013	0.102	---	---	6
7	---	---	---	---	0.028	0.124	0.109	0.033	0.012	0.038	---	---	7
8	---	---	---	---	0.027	0.174	0.102	0.033	0.010	0.014	---	---	8
9	---	---	---	---	0.020	0.385	0.058	0.080	0.013	0.006	---	---	9
10	---	---	---	---	0.020	0.329	0.062	0.138	0.014	0.005	---	---	10
11	---	---	---	---	0.020	0.285	0.055	0.097	0.015	0.004	---	---	11
12	---	---	---	---	0.021	0.261	0.053	0.085	0.015	0.003	---	---	12
13	---	---	---	---	0.020	0.182	0.051	0.023	0.015	0.010	---	---	13
14	---	---	---	---	0.017	0.134	0.074	0.013	0.014	0.004	---	---	14
15	---	---	---	---	0.013	0.134	0.144	0.010	0.013	0.001	---	---	15
16	---	---	---	---	0.018	0.134	0.101	0.008	0.014	0.001	---	---	16
17	---	---	---	---	0.014	0.138	0.118	0.008	0.015	0.001	---	---	17
18	---	---	---	---	0.017	0.189	0.101	0.008	0.022	0.001	---	---	18
19	---	---	---	---	0.019	0.143	0.045	0.010	0.020	0.003	---	---	19
20	---	---	---	---	0.023	0.094	0.086	0.036	0.027	0.002	---	---	20
21	---	---	---	---	0.001A	0.021	0.067	0.144	0.084	0.023	0.001	---	21
22	---	---	---	---	0	0.021	0.022	0.173	0.083	0.017	0.001	---	22
23	---	---	---	---	0	0.017	0.007	0.141	0.028	0.015	0.002	---	23
24	---	---	---	---	0	0.018	0.026	0.181	0.014	0.015	0.001	---	24
25	---	---	---	---	0	0.026	0.022	0.189	0.011	0.018	0.001	---	25
26	---	---	---	---	0	0.022	0.012	0.173	0.009	0.018	0.001	---	26
27	---	---	---	---	0	0.024	0.007	0.150	0.008	0.015	0.001	---	27
28	---	---	---	---	0	0.022	0.005	0.150	0.011	0.015	0.001	---	28
29	---	---	---	---	0	0.008	0.024	0.125	0.012	0.024	0.001	---	29
30	---		---	---	0	0.032	0.215	0.070	0.012	0.150	0.001	---	30
31	---		---			0.061		0.104	0.013		0.001A	---	31
TOTAL	---	---	---	---		0.738	3.888	3.888	1.881	0.813	1.087	---	TOTAL
MEAN	---	---	---	---		0.024	0.120	0.118	0.081	0.020	0.034	---	MEAN
MAX	---	---	---	---		0.061	0.388	0.209	0.388	0.180	0.202	---	MAX
MIN	---	---	---	---		0	0.005	0.045	0.005	0.010	0.001	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.082
MAXIMUM DAILY, 0.388 ON AUG 1
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 25 N
LONG 113 34 25 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	311
FEB	---	AUG	103
MAR	---	SEP	83.6
APR	---	OCT	82.2
MAY	83.6	NOV	---
JUN	210	DEC	---

TOTAL DISCHARGE, 883 dam³

TWELVE MILE CREEK NEAR CECIL - STATION NO. 05BM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.023	5.48	5.53	7.44	3.31	0.861	---	---	1
2	---	---	---	---	0.032	5.49	5.52	7.38	3.21	0.284	---	---	2
3	---	---	---	---	0.168	5.79	5.57	7.87	2.84	0.188	---	---	3
4	---	---	---	---	0.426	5.79	4.81	8.04	2.88	0.118	---	---	4
5	---	---	---	---	1.02	5.82	4.81	8.20	3.33	0.123	---	---	5
6	---	---	---	---	1.80	5.82	3.80	8.07	1.80	1.01	---	---	6
7	---	---	---	---	2.86	5.63	5.61	8.17	3.18	1.45	---	---	7
8	---	---	---	---	2.96	5.86	4.89	8.26	3.07	1.87	---	---	8
9	---	---	---	---	3.44	6.22	4.43	5.88	2.78	2.48	---	---	9
10	---	---	---	---	3.89	7.23	4.38	8.23	3.39	3.17	---	---	10
11	---	---	---	---	4.01	7.16	4.02	5.89	2.43	3.39	---	---	11
12	---	---	---	---	4.19	8.26	3.38	4.83	2.34	3.48	---	---	12
13	---	---	---	---	2.98	4.80	4.00	4.12	2.88	3.02	---	---	13
14	---	---	---	---	4.22	3.82	4.36	4.34	2.81	2.78	---	---	14
15	---	---	---	---	4.82	2.84	5.49	4.86	2.73	4.81	---	---	15
16	---	---	---	---	4.98	2.15	6.10	4.82	3.28	4.44	---	---	16
17	---	---	---	---	4.98	1.75	6.07	4.25	3.14	4.24	---	---	17
18	---	---	---	---	5.22	1.39	6.00	3.81	1.88	4.44	---	---	18
19	---	---	---	---	5.37	0.827	5.20	3.81	1.12	4.00	---	---	19
20	---	---	---	---	5.24	0.843	5.31	3.80	1.88	3.16	---	---	20
21	---	---	---	---	5.09	0.778	5.21	4.03	0.888	1.28	---	---	21
22	---	---	---	---	4.94	0.585	5.43	3.87	0.871	1.35	---	---	22
23	---	---	---	---	4.81	0.328	5.48	3.74	0.802	1.35	---	---	23
24	---	---	---	---	5.44	1.16	5.87	3.83	0.711	0.473	---	---	24
25	---	---	---	---	5.14	1.04	5.88	3.82	0.483	0.328	---	---	25
26	---	---	---	0.014A	5.18	2.22	5.48	3.81	0.308	0.283	---	---	26
27	---	---	---	0.020	4.88	2.07	5.58	3.46	0.832	0.853	---	---	27
28	---	---	---	0.023	4.88	3.71	5.46	3.38	0.881	0.183	---	---	28
29	---	---	---	0.015	4.78	4.48	6.02	3.18	0.368	0.037	---	---	29
30	---		---	0.020	5.40	5.83	6.82	3.46	0.841	0.028	---	---	30
31	---		---		5.40		7.17	3.32		0.024A		---	31
TOTAL	---	---	---	---	117.888	114.477	172.31	152.47	58.018	54.448	---	---	TOTAL
MEAN	---	---	---	---	3.80	3.82	5.58	4.82	1.83	1.76	---	---	MEAN
MAX	---	---	---	---	5.44	7.23	7.17	8.84	3.38	4.81	---	---	MAX
MIN	---	---	---	---	0.023	0.328	3.38	3.18	0.308	0.024	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.04
MAXIMUM DAILY, 8.84 ON AUG 4
MINIMUM DAILY, 0.023 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 00 N
LONG 111 40 00 W
DRAINAGE AREA, 2 780 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14 900
FEB	---	AUG	13 200
MAR	---	SEP	5 010
APR	---	OCT	4 700
MAY	10 200	NOV	---
JUN	8 880	DEC	---

TOTAL DISCHARGE, 57 000 dam³

UNITED IRRIGATION DISTRICT CANAL NEAR HILL SPRING - STATION NO. 06AD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	3.09	2.82	2.07	1.00	0.782	OE	---	1
2	---	---	---	0	1.10	3.02	2.88	2.88	1.13	0.782	OA	---	2
3	---	---	---	0	0.832	3.84	2.81	2.40	1.36	0.748	OE	---	3
4	---	---	---	0	0.812	3.84	2.79	2.07	1.42	0.730	OE	---	4
5	---	---	---	0	0.828	3.74	2.83	1.84	1.47	0.728	OE	---	5
6	---	---	---	0	0.826	3.77	2.88	1.45	1.48	0.728	OE	---	6
7	---	---	---	0	0.803	3.41	2.83	1.46	1.46	0.826	OE	---	7
8	---	---	---	0	0.814	3.12	2.78	1.47	1.18	0.881	OE	---	8
9	---	---	---	0	1.46	3.08	2.75	1.35	0.730	0.842	OE	---	9
10	---	---	---	0	2.12	3.01	2.74	1.28	0.686A	0.882	OE	---	10
11	---	---	---	0	2.39	2.98	2.72	1.21	1.06 E	0.870	OE	---	11
12	---	---	---	0	2.63	2.97	2.76	1.17	0.840E	0.878	OE	---	12
13	---	---	---	0	2.75	2.80	2.81	1.14	0.830A	0.344	OE	---	13
14	---	---	---	0	2.88	2.34	2.78	1.18	1.05 A		OE	---	14
15	---	---	---	0	2.83	2.32	2.76	1.24	1.06 E		OE	---	15
16	---	---	---	0	2.82	2.34	2.72	1.28	0.788 E		OE	---	16
17	---	---	---	0	3.23	2.38	2.76	1.87	0.887 E		OE	---	17
18	---	---	---	0	3.28	2.43	2.74	1.88	0.801 E		OE	---	18
19	---	---	---	0	3.24	1.88	2.77	1.80	0.871 E		OE	---	19
20	---	---	---	0	3.26	2.22	2.78	1.86	0.928 E		OE	---	20
21	---	---	---	0	3.44	3.45	2.78	1.82	0.804 E		OE	---	21
22	---	---	0A	0	3.46	3.37	2.78	1.42	0.748 E		OE	---	22
23	---	---	0	0	3.40	3.20	2.84	1.23	0.784 E		OE	---	23
24	---	---	0	0	3.88	3.37	2.85	0.885	1.85 E		OE	---	24
25	---	---	0	0	3.78	3.41	2.38	1.24	1.80 E		OE	---	25
26	---	---	0	0	3.87	3.40	2.06	1.48	1.84 E		OE	---	26
27	---	---	0	0	3.72	3.38	2.41	1.48	1.74 E		OE	---	27
28	---	---	0	0	3.82	3.37	2.38	1.39	1.11 E		OE	---	28
29	---	---	0	0	3.84	3.28	2.23	1.20	0.848 E		OE	---	29
30	---		0	0	3.87	3.00	2.08	1.13	0.781 E		OE	---	30
31	---		0		3.87		1.84	1.04	E			---	31
TOTAL	---	---	---	0	78.887	82.51	82.48	45.815	32.902	10.008	0	---	TOTAL
MEAN	---	---	---	0	2.47	3.08	2.86	1.48	1.10	0.323	0	---	MEAN
MAX	---	---	---	0	3.87	3.77	2.92	2.88	1.84	0.882	0	---	MAX
MIN	---	---	---	0	0	1.88	1.84	0.885	0.871	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.40
MAXIMUM DAILY, 3.87 ON MAY 31
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 13 04 N
LONG 113 37 58 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 130
FEB	---	AUG	3 870
MAR	---	SEP	2 640
APR	0	OCT	885
MAY	6 820	NOV	0
JUN	7 990	DEC	---

TOTAL DISCHARGE, 29 400 dam³

UNNAMED CREEK NEAR FORT MACKAY - STATION NO. 07DA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0478	0.0868	3.00	1.79	2.39	0.452	2.16	0.488	0.8208	---	1
2	---	---	0.0468	0.0838	3.04	2.83	2.11	0.378	1.82	0.458	0.8488	---	2
3	---	---	0.0468	0.0888	2.84	2.78	1.77	0.338	1.26	0.420	---	---	3
4	---	---	0.0378	0.0728	2.44	2.78	1.42	0.290	0.852	0.418	---	---	4
5	---	---	0.0378	0.0708	2.19	2.32	1.20	0.248	0.784	0.421	---	---	5
6	---	---	0.0358	0.0788	1.81	1.92	1.88	0.208	0.887	0.438	---	---	6
7	---	---	0.0358	0.0758	1.81	1.78	3.81	0.187	0.808	0.398	---	---	7
8	---	---	0.0358	0.0818	2.82	1.58	8.87	0.138	0.828	0.394	---	---	8
9	---	---	0.0428	0.0868	3.06	1.46	6.14	0.151	0.472	0.382	---	---	9
10	---	---	0.0488	0.0948	2.98	1.34	4.02	0.882	0.448	0.384	---	---	10
11	---	---	0.0483	0.1218	2.48	1.48	3.23	0.280	0.422	0.383	---	---	11
12	---	---	0.0488	0.1288	2.19	3.64	2.88	0.194	0.400	0.388	---	---	12
13	---	---	0.0488	0.1028	2.03	8.77	2.84	0.187	0.381	0.382	---	---	13
14	---	---	0.0488	0.4508	1.88	7.30	3.22	0.204	0.377	0.347	---	---	14
15	---	---	0.0488	2.18 B	1.81	5.47	2.83	0.327	0.487	0.398	---	---	15
16	---	---	0.0508	3.36 B	1.58	4.28	2.88	0.282	0.518	0.420	---	---	16
17	---	---	0.0478	3.38 B	1.44	3.86	2.87	0.300	0.488	0.384	---	---	17
18	---	---	0.0478	2.72 B	1.31	2.81	2.88	0.171	0.415	0.388	---	---	18
19	---	---	0.0488	2.36 B	1.17	2.38	2.38	0.330	0.384	0.374	---	---	19
20	---	---	0.0488	2.16 B	1.22	1.82	2.10	0.411	0.377	0.384	---	---	20
21	---	---	0.0488	1.82 B	1.33	1.83	1.81	0.505	0.413	0.3808	---	---	21
22	---	---	0.0508	1.52 B	1.02	1.27	1.58	0.582	0.415	0.4088	---	---	22
23	---	---	0.0508	1.42 B	0.882	1.08	1.41	0.444	0.883	0.4218	---	---	23
24	---	---	0.0508	1.26 B	0.776	0.858	1.18	0.349	0.595	0.4008	---	---	24
25	---	---	0.0518	1.37 B	0.718	0.760	1.01	0.285	0.459	0.4288	---	---	25
26	---	---	0.0528	1.37 B	0.588	0.702	0.878	0.263	0.445	0.4808	---	---	26
27	---	---	0.0488	1.51 B	0.581	0.887	1.20	0.211	0.436	0.4808	---	---	27
28	---	---	0.0508	1.62 B	0.633	0.643	0.824	0.188	0.535	0.4688	---	---	28
29	---	---	0.0488	1.50	0.488	1.01	0.781	0.188	0.542	0.4488	---	---	29
30	---		0.0518	1.00	0.548	1.81	0.620	0.172	0.555	0.4908	---	---	30
31	---		0.0518		1.31		0.537	1.48		0.5008		---	31
TOTAL	---	---	1.423	33.186	51.037	70.288	69.707	10.418	18.007	12.792	---	---	TOTAL
MEAN	---	---	0.046	1.11	1.67	2.34	2.25	0.336	0.634	0.413	---	---	MEAN
MAX	---	---	0.052	3.38	3.08	7.30	8.14	1.48	2.16	0.500	---	---	MAX
MIN	---	---	0.036	0.083	0.488	0.643	0.537	0.138	0.381	0.347	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.10
MAXIMUM DAILY, 7.30 ON JUN 14
MINIMUM DAILY, 0.0358 ON MAR 8
MAXIMUM INSTANTANEOUS,
8.77 AT 23:53 MST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 39 41 N
LONG 111 31 11 W
DRAINAGE AREA, 274 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 020
FEB	---	AUG	900
MAR	122	SEP	1 640
APR	2 870	OCT	1 110
MAY	4 480	NOV	---
JUN	6 070	DEC	---

TOTAL DISCHARGE, 22 300 dam³

UPPER KANANASKIS LAKE - STATION NO. 05BF005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1894.59	1891.93	1889.83	1889.29	1888.92	1890.85	1894.33	1898.78	1898.82	1898.88	1897.38	1895.35	1
2	1894.57	1891.80	1889.78	1889.30	1888.92	1890.83	1894.47	1898.78	1898.88	1898.01	1897.28	1895.24	2
3	1894.48	1891.68	1889.72	1889.31	1888.83	1890.89	1894.83	1898.84	1898.85	1898.88	1897.17	1895.22	3
4	1894.37	1891.56	1889.68	1889.27	1888.84	1890.79	1894.75	1898.81	1898.13	1898.82	1897.08	1895.19	4
5	1894.28	1891.48	1889.64	1889.24	1888.95	1890.90	1894.88	1898.89	1898.21	1898.85	1897.10	1895.11	5
6	1894.14	1891.44	1889.88	1889.22	1888.97	1891.03	1895.00	1897.98	1898.24	1898.79	1897.08	1895.01	6
7	1894.01	1891.41	1889.81	1889.20	1888.87	1891.23	1895.11	1897.18	1898.24	1898.72	1897.00	1894.90	7
8	1893.85	1891.36	1889.88	1889.17	1888.88	1891.44	1895.22	1897.24	1898.25	1898.78	1896.81	1894.80	8
9	1893.72	1891.17	1889.87	1889.17	1888.85	1891.59	1895.33	1897.32	1898.25	1898.78	1896.82	1894.71	9
10	1893.85	1891.06	1889.83	1889.17	1888.89	1891.72	1895.47	1897.43	1898.30	1898.80	1896.74	1894.88	10
11	1893.55	1890.97	1889.81	1889.14	1889.03	1891.86	1895.57	1897.81	1898.38	1898.73	1896.72	1894.78	11
12	1893.41	1890.86	1889.47	1889.11	1889.09	1891.96	1895.71	1897.86	1898.34	1898.85	1896.78	1894.81	12
13	1893.42	1890.85	1889.48	1889.07	1889.18	1892.06	1895.82	1897.88	1898.32	1898.86	1896.87	1894.84	13
14	1893.28	1890.86	1889.48	1889.03	1889.24	1892.17	1895.92	1897.77	1898.30	1898.81	1896.83	1894.84	14
15	1893.28	1890.78	1889.47	1888.98	1889.30	1892.30	1896.04	1897.83	1898.30	1898.88	1896.80	1894.33	15
16	1893.28	1890.87	1889.45	1888.95	1889.35	1892.42	1896.14	1897.92	1898.31	1898.89	1896.42	1894.35	16
17	1893.28	1890.88	1889.45	1888.96	1889.43	1892.83	1896.23	1898.01	1898.35	1898.81	1896.32	1894.26	17
18	1893.15	1890.81	1889.40	1888.92	1889.81	1892.81	1896.28	1898.10	1898.39	1898.40	1896.22	1894.27	18
19	1893.08	1890.42	1889.41	1888.87	1889.86	1893.00	1896.34	1898.17	1898.38	1898.30	1896.18	1894.18	19
20	1892.98	1890.42	1889.42	1888.90	1889.83	1893.11	1896.37	1898.28	1898.32	1898.20	1896.18	1894.10	20
21	1892.88	1890.43	1889.38	1888.88	1889.70	1893.18	1896.40	1898.31	1898.28	1898.10	1896.07	1894.02	21
22	1892.78	1890.34	1889.40	1888.88	1889.78	1893.26	1896.43	1898.35	1898.21	1898.09	1896.03	1893.94	22
23	1892.88	1890.26	1889.41	1888.90	1889.88	1893.31	1896.44	1898.42	1898.18	1898.10	1895.94	1893.87	23
24	1892.88	1890.17	1889.38	1888.93	1889.94	1893.38	1896.44	1898.48	1898.22	1898.00	1895.85	1893.87	24
25	1892.89	1890.08	1889.38	1888.81	1890.04	1893.51	1896.48	1898.51	1898.25	1897.90	1896.78	1893.88	25
26	1892.48	1890.00	1889.41	1888.82	1890.08	1893.88	1896.48	1898.54	1898.18	1897.81	1895.74	1893.88	26
27	1892.38	1890.01	1889.38	1888.88	1890.13	1893.85	1896.48	1898.83	1898.14	1897.70	1896.71	1893.77	27
28	1892.28	1890.00	1889.38	1888.80	1890.21	1893.98	1896.48	1898.71	1898.08	1897.80	1896.81	1893.70	28
29	1892.18	1889.91	1889.38	1888.82	1890.27	1894.14	1896.49	1898.79	1898.00	1897.86	1896.88	1893.82	29
30	1892.11		1889.32	1888.82	1890.38	1894.22	1896.51	1898.82	1898.98	1897.88	1896.48	1893.88	30
31	1892.08		1889.28		1890.48		1896.82	1898.88		1897.48		1893.88	31
MEAN	1893.27	1890.78	1889.48	1889.04	1889.47	1892.38	1895.83	1897.88	1898.21	1898.37	1896.42	1894.37	MEAN
MAX	1894.59	1891.93	1889.83	1889.31	1890.48	1894.22	1896.82	1898.88	1898.39	1898.01	1897.38	1895.35	MAX
MIN	1892.08	1889.91	1889.28	1888.87	1888.92	1890.85	1894.33	1898.78	1898.92	1897.48	1895.48	1893.88	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1893.89
MAXIMUM DAILY, 1889.38 ON SEP 18
MINIMUM DAILY, 1888.87 ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 37 00 N
LONG 115 07 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
151 km²

WATER LEVELS ARE REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.383 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

UTIKUMA LAKE NEAR NIPISI - STATION NO. 07JA001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	29.775	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	29.835	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	29.782	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	29.630	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	30.008	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	29.770	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	29.826	---	---	---	28
29	---	---	29.734	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		29.776		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 51 35 N
LONG 116 15 27 W

NATURAL FLOW

DRAINAGE AREA,
2 470 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

VERDIGRIS COULEE NEAR THE MOUTH - STATION NO. 11AA038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.002	0.017	0	0.030	0.018	0	0	0.015	0.002A	---	1
2	---	---	0.002	0.009	0	0.035	0.019	0.003	0	0.002	---	---	2
3	---	---	0.002	0.005	0	0.030	0.022	0.003	0	0.001	---	---	3
4	---	---	0.001E	0.017	0	0.081	0.022	0	0	0.001	---	---	4
5	---	---	0.001E	0.058	0	0.304	0.018	0	0	0	---	---	5
6	---	---	0 E	0.004	0	0.171	0.039	0	0	0	---	---	6
7	---	---	0 E	0.001	0.078	0.087	0.048	0.004	0	0	---	---	7
8	---	---	0.005A	0	0.016	0.183	0.017	0.001	0	0	---	---	8
9	---	---	0.003	0	0.002	0.041	0.006	0	0	0.008	---	---	9
10	---	---	0.002	0	0.032	0.057	0.003	0	0	0.015	---	---	10
11	---	---	0.002	0	0.034	0.081	0.002	0	0	0.008	---	---	11
12	---	---	0.001	0	0.015	0.042	0.002	0	0	0.012	---	---	12
13	---	---	0.001	0	0.023	0.011	0.032	0	0	0.013	---	---	13
14	---	---	0	0	0.128	0.026	0.007	0	0	0.008	---	---	14
15	---	---	0	0	0.128	0.026	0.010	0	0	0.017	---	---	15
16	---	---	0	0	0.007	0.012	0.004	0	0	0.007	---	---	16
17	---	---	0	0	0.100	0.046	0.003	0	0	0.020	---	---	17
18	---	---	0	0	0.100	0.085	0.027	0	0.005	0.008	---	---	18
19	---	---	0	0	0.089	0.042	0.006	0	0.003	0.003	---	---	19
20	---	---	0	0	0.037	0.013	0.001	0	0.001	0.042	---	---	20
21	---	---	0	0	0.038	0.045	0	0	0.003	0.009	---	---	21
22	---	---	0	0	0.008	0.009	0	0.00E	0.010	0.031	---	---	22
23	---	---	0.002	0	0.017	0.001A	0.005	0.001	0.002	0.014	---	---	23
24	---	0.001B	0.007	0	0.148	0.032	0.001	0	0.005	0.010	---	---	24
25	---	0.003B	0.036	0	0.086	0.012	0	0	0.004	0.003	---	---	25
26	---	0.005B	0.005	0	0.084	0.001A	0	0	0.006	0.001	---	---	26
27	---	0.008B	0.001	0	0.078	0 A	0	0	0.003	0.009	---	---	27
28	---	0.003B	0	0	0.037	0.009	0	0	0.015	0.007	---	---	28
29	---	0.002	0	0	0.082	0.055	0	0	0.007	0.001	---	---	29
30	---		0.023	0	0.338	0.038	0	0	0.037	0.003	---	---	30
31	---		0.083		0.107		0	0		0.011		---	31
TOTAL	---	---	0.211	0.111	1.797	1.487	0.300	0.016	0.102	0.280	---	---	TOTAL
MEAN	---	---	0.007	0.004	0.058	0.050	0.010	0.001	0.003	0.009	---	---	MEAN
MAX	---	---	0.087	0.058	0.338	0.304	0.048	0.008	0.037	0.042	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.338 ON MAY 30
MINIMUM DAILY, 0E ON MAR 6
MAXIMUM INSTANTANEOUS,
0.370 AT 16:15 MST ON MAY 30

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 39 N
LONG 111 45 31 W
DRAINAGE AREA, 356 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25.5
FEB	---	AUG	1.58
MAR	18.2	SEP	8.61
APR	9.59	OCT	24.2
MAY	155	NOV	---
JUN	128	DEC	---

TOTAL DISCHARGE, 371 dam³

VERDIGRIS LAKE TRIBUTARY NEAR MILK RIVER - STATION NO. 11AA039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.001	0.008	0	0	0	0	0	0	0A	---	1
2	---	0 B	0.001	0.008	0	0	0	0	0	0	---	---	2
3	---	0 B	0.001	0.008	0	0	0	0	0	0	---	---	3
4	---	0 B	0	0.008	0	0	0	0	0	0	---	---	4
5	---	0 B	0	0.002	0	0	0	0	0	0	---	---	5
6	---	0 B	0	0.002	0	0	0	0	0	0	---	---	6
7	---	0 B	0	0.002	0	0	0	0	0	0	---	---	7
8	---	0 B	0	0.001	0	0	0	0	0	0	---	---	8
9	---	0 B	0.001	0.001	0	0	0	0	0	0	---	---	9
10	---	0 B	0.002	0	0	0	0	0	0	0	---	---	10
11	---	0 B	0.002	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0.001	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0.001	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0.001	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0.001	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0.001	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0.001	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0.001	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0.001	0	0	0	0	0	0	0	---	---	19
20	---	0 B	0.001	0	0	0	0	0	0	0	---	---	20
21	---	0 B	0.002	0	0	0	0	0	0	0	---	---	21
22	---	0 B	0.002	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0.002	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0.001	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	0B	0.001	0.001	0	0	0	0	0	0	0	---	---	27
28	0B	0.001	0.001	0	0	0	0	0	0	0	---	---	28
29	0B	0.001	0.001	0	0	0	0	0	0	0	---	---	29
30	0B		0.002	0	0	0	0	0	0	0	---	---	30
31	0B		0.007		0		0	0		0		---	31
TOTAL	---	0.007	0.038	0.037	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.001	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.001	0.007	0.008	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.008 ON APR 3
MINIMUM DAILY, 0E ON FEB 1
MAXIMUM INSTANTANEOUS,
0.015 AT 22:50 MST ON MAR 31

SUMMARY FOR THE MONTHS FEB TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 32 N
LONG 112 06 27 W
DRAINAGE AREA, 73.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.28	AUG	0
MAR	3.11	SEP	0
APR	3.20	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 6.57 dam³

VERMILION PARK LAKE NEAR VERMILION - STATION NO. 06EE004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	575.775E	575.841	575.808	---	---	---	575.854	575.784	575.728A	---	1
2	---	---	575.775E	575.850	575.799	---	---	---	575.842	575.761	---	---	2
3	---	---	575.775E	575.880	575.783	---	---	---	575.831	575.751	---	---	3
4	---	---	575.775E	575.873	575.784	---	---	---	575.822	575.752	---	---	4
5	---	---	575.775E	575.878	575.774	---	---	---	575.816	575.752	---	---	5
6	---	---	575.775E	575.881	575.784	---	---	---	575.812	575.751	---	---	6
7	---	---	575.778A	575.884	575.789	---	---	---	575.825	575.751	---	---	7
8	---	---	575.779	575.887	575.789	---	---	---	575.808	575.753	---	---	8
9	---	---	575.787	575.892	575.785	---	---	---	575.787	575.753	---	---	9
10	---	---	575.800	575.891	575.784	---	---	---	575.784	575.747	---	---	10
11	---	---	575.801	575.887	575.783	---	---	---	575.782	575.744	---	---	11
12	---	---	575.804	575.881	575.778A	---	---	---	575.784	575.745	---	---	12
13	---	---	575.808	575.878	---	---	---	---	575.778	575.745	---	---	13
14	---	---	575.812	575.874	---	---	---	---	575.774	575.744	---	---	14
15	---	---	575.813	575.871	---	---	---	---	575.773	575.745	---	---	15
16	---	---	575.814	575.868	---	---	---	---	575.773	575.739	---	---	16
17	---	---	575.814	575.869	---	---	---	---	575.773	575.744	---	---	17
18	---	---	575.814	575.865	---	---	---	---	575.769	575.739	---	---	18
19	---	---	575.818	575.861	---	---	---	---	575.764	575.736	---	---	19
20	---	---	575.819	575.839	---	---	---	---	575.767	575.738	---	---	20
21	---	---	575.821	575.837	---	---	---	---	575.771	575.734	---	---	21
22	---	---	575.823	575.836	---	---	---	---	575.769	575.750	---	---	22
23	---	---	575.824	575.834	---	---	---	---	575.762	575.726	---	---	23
24	---	---	575.827	575.828	---	---	---	---	575.760	575.725	---	---	24
25	---	---	575.830	575.828	---	---	---	---	575.764	575.718	---	---	25
26	---	---	575.833	575.825	---	---	575.728A	---	575.761	575.728	---	---	26
27	---	---	575.841	575.824	---	---	---	---	575.769	575.720	---	---	27
28	---	---	575.848	575.818	---	575.837A	---	---	575.768	575.718	---	---	28
29	---	---	575.843	575.807	---	---	---	---	575.771	575.721	---	---	29
30	---		575.840	575.817	---	---	---	575.872A	575.778	575.725	---	---	30
31	---		575.838		575.898A		---	575.870		575.727		---	31
MEAN	---	---	575.808	575.855	---	---	---	---	575.785	575.740	---	---	MEAN
MAX	---	---	575.848	575.892	---	---	---	---	575.854	575.784	---	---	MAX
MIN	---	---	575.775	575.807	---	---	---	---	575.764	575.718	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 21 40 N
LONG 110 51 24 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
8 140 km²

VERMILION RIVER AT VEGREVILLE - STATION NO. 06EE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.0118	0	0.003	0.085	0	0.001	0.001	0.0018	---	1
2	---	---	0	0.0128	0	0.003	0.028	0	0	0.002	0.0018	---	2
3	---	---	0	0.0328	0	0.003	0.015	0	0	0.002	---	---	3
4	---	---	0	0.0618	0.001	0.003	0.008	0	0	0.002	---	---	4
5	---	---	0	0.0908	0.001	0.002	0.014	0	0	0.002	---	---	5
6	---	---	0	0.0428	0.002	0.003	0.017	0.007	0	0.002	---	---	6
7	---	---	0	0.0928	0.002	0.002	0.010	0	0.002	0.002	---	---	7
8	---	---	0	0.0358	0.002	0.081	0.007	0	0.001	0.002	---	---	8
9	---	---	0	0.0138	0.002	0.075	0.008	0	0.001	0.002	---	---	9
10	---	---	0	0.0078	0.004	0.327	0.008	0	0.008	0.002	---	---	10
11	---	---	0	0.004	0.003	0.580	0.008	0	0.003	0.002	---	---	11
12	---	---	0	0.002	0.002	0.190	0.011	0	0.002	0.002	---	---	12
13	---	---	0	0.002	0.002	0.013	0.004	0	0.002	0.002	---	---	13
14	---	---	0	0.002	0.002	0.005	0.008	0	0.002	0.001	---	---	14
15	---	---	0	0.003	0.001	0.182	0.004	0	0.002	0.001	---	---	15
16	---	---	0	0.004	0.001	0.202	0.002	0	0.006	0.001	---	---	16
17	---	---	0	0.121	0.001	0.128	0.003	0	0.003	0.001	---	---	17
18	---	---	0	0.158	0.001	0.061	0.010	0.005	0.003	0.001	---	---	18
19	---	---	0.0028	0.058	0.001	0.028	0.003	0	0.002	0.001	---	---	19
20	---	---	0.0068	0.048	0.001	0.031	0.001	0.229	0.002	0	---	---	20
21	---	---	0.0058	0.042	0.001	0.017	0.001	0.868	0.002	0.001	---	---	21
22	---	---	0.0068	0.013	0.001	0.010	0	0.238	0.002	0.001	---	---	22
23	---	---	0.0068	0.008	0	0.015	0	0.010	0.002	0.001	---	---	23
24	---	---	0.0058	0.002	0	0.158	0	0.002	0.001	0.001	---	---	24
25	---	---	0.0048	0.002	0	0.042	0	0.003	0.003	0.001	---	---	25
26	---	---	0.0038	0.001	0	0.021	0	0.004	0.003	0.002	---	---	26
27	---	---	0.0028	0.001	0	0.011	0	0.004	0.003	0.0028	---	---	27
28	---	---	0.0018	0.001	0	0.028	0	0.003	0.003	0.0028	---	---	28
29	---	---	0.0018	0.001	0	0.235	0	0.003	0.002	0.0018	---	---	29
30	---		0.0028	0.006	0.001	0.162	0	0.003	0.001	0.0018	---	---	30
31	---		0.0128		0.008		0	0.001		0.0018		---	31
TOTAL	---	---	0.065	0.886	0.041	2.481	0.233	1.198	0.058	0.045	---	---	TOTAL
MEAN	---	---	0.002	0.030	0.001	0.082	0.007	0.038	0.002	0.001	---	---	MEAN
MAX	---	---	0.013	0.158	0.008	0.580	0.058	0.868	0.008	0.002	---	---	MAX
MIN	---	---	0	0.001	0	0.002	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.868 ON AUG 21
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.28 AT 17:37 MST ON AUG 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 29 28 N
LONG 113 02 18 W
DRAINAGE AREA, 1 990 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	19.3
FEB	---	AUG	104
MAR	4.75	SEP	5.01
APR	76.8	OCT	3.89
MAY	3.54	NOV	---
JUN	213	DEC	---

TOTAL DISCHARGE, 430 dam³

VERMILION RIVER DRAINAGE NEAR HOLDEN - STATION NO. 05EE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0	0.005	0	0	0	---	---	6
7	---	---	0B	0.024	0	0	0.005	0	0	0	---	---	7
8	---	---	0B	0.065	0	0	0.005	0	0	0	---	---	8
9	---	---	0B	0.070	0	0.150E	0	0	0	0	---	---	9
10	---	---	0B	0.121	0	0.359A	0	0	0	0	---	---	10
11	---	---	0B	0.078	0	0.107	0	0	0	0	---	---	11
12	---	---	0B	0.088	0	0.080	0	0	0	0	---	---	12
13	---	---	0B	0.084	0	0.044	0	0	0	0	---	---	13
14	---	---	0B	0.042	0	0.044	0	0	0	0	---	---	14
15	---	---	0B	0.037	0	0.031	0	0	0	0	---	---	15
16	---	---	0B	0.028	0	0.015	0	0	0	0	---	---	16
17	---	---	0B	0.034	0	0.004	0	0	0	0	---	---	17
18	---	---	0B	0.028	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.018	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.014	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.008	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.006	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.003	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.001	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.001	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.001	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---	---	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0.746	0	0.844	0.015	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.025	0	0.028	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.121	0	0.359	0.005	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.359A ON JUN 10
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 06 03 N
LONG 112 24 10 W
DRAINAGE AREA, 58.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.30
FEB	---	AUG	0
MAR	0	SEP	0
APR	64.5	OCT	0
MAY	0	NOV	---
JUN	72.8	DEC	---

TOTAL DISCHARGE, 139 dam³

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

VERMILION RIVER NEAR MARWAYNE - STATION NO. 05EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.003B	0.248B	0.038E	0.126	0.218	0	0.012	0.077	---	---	1
2	---	---	0.003B	0.825B	0.037E	0.057	0.878	0	0.008	0.085	---	---	2
3	---	---	0.003B	1.33 B	0.032E	0.015	0.908	0	0.001	0.052	---	---	3
4	---	---	0.003B	0.992B	0.028E	0	0.738	0	0	0.042	---	---	4
5	---	---	0.003B	0.885B	0.028E	0	0.589	0	0	0.032	---	---	5
6	---	---	0.004B	0.880B	0.024E	0	1.02	0.052	0	0.029	---	---	6
7	---	---	0.004B	0.745E	0.024E	0	1.10	0.032	0.008	0.026	---	---	7
8	---	---	0.006B	0.715E	0.022E	0	0.309	0.056	0	0.027	---	---	8
9	---	---	0.026B	0.885E	0.022E	0	0.183	0.032	0.024	0.027	---	---	9
10	---	---	0.029B	0.870E	0.021E	0	0.163	0.008	0.182	0.022	---	---	10
11	---	---	0.028B	0.840A	0.020E	0	0.098	0	0.188	0.020	---	---	11
12	---	---	0.027B	0.885E	0.017E	0.052	0.062	0	0.186	0.018	---	---	12
13	---	---	0.026B	0.860E	0.015E	0.152	0.084	0	0.176	0.015	---	---	13
14	---	---	0.025B	0.700E	0.013E	0.152	0.111	0	0.176	0.015	---	---	14
15	---	---	0.021B	0.478E	0.010E	0.102	0.141	0	0.146	0.015	---	---	15
16	---	---	0.018B	0.410E	0.009E	0.063	0.138	0	0.152	0.020	---	---	16
17	---	---	0.014B	0.365E	0.008E	0.044	0.126	0	0.174	0.027	---	---	17
18	---	---	0.012B	0.271A	0.007E	0.032	0.121	0	0.178	0.023	---	---	18
19	---	---	0.025B	0.350E	0.007E	0.030	0.113	0	0.173	0.020	---	---	19
20	---	---	0.058B	0.213E	0.007E	0.026	0.091	0	0.162	0.022	---	---	20
21	---	---	0.188B	0.126E	0.008E	0.024	0.082	0.013	0.147	0.0268	---	---	21
22	---	---	0.181B	0.088E	0.008E	0.019	0.048	0.083	0.134	0.0428	---	---	22
23	---	---	0.180B	0.063E	0.008E	0.020	0.037	0.052	0.125	0.042	---	---	23
24	---	---	0.180B	0.040E	0.008E	0.048	0.028	0.001	0.136	0.049	---	---	24
25	---	---	0.188B	0.023E	0.008E	0.033	0.024	0.089	0.178	0.056	---	---	25
26	---	---	0.140B	0.018E	0.008E	0.022	0.018	0.080	0.186	0.0778	---	---	26
27	---	---	0.0628	0.023E	0.008E	0.017	0.010	0.088	0.140	0.0748	---	---	27
28	---	---	0.0518	0.027E	0.008E	0.013	0.012	0.088	0.127	0.0638	---	---	28
29	---	---	0.0438	0.028E	0.008A	0.101	0.008	0.047	0.111	0.0488	---	---	29
30	---		0.0438	0.038E	0.008	0.230	0.001	0.038	0.088	0.0888	---	---	30
31	---		0.0488		0.141		0	0.032		0.0888		---	31
TOTAL	---	---	1.888	14.128	0.888	1.378	8.114	0.903	3.288	1.291	---	---	TOTAL
MEAN	---	---	0.060	0.471	0.018	0.048	0.282	0.028	0.110	0.038	---	---	MEAN
MAX	---	---	0.181	1.33	0.141	0.230	1.02	0.083	0.188	0.077	---	---	MAX
MIN	---	---	0.003	0.018	0.008	0	0	0	0	0.018	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.127
MAXIMUM DAILY, 1.02 ON JUL 8
MINIMUM DAILY, 0 ON JUN 4
MAXIMUM INSTANTANEOUS,
2.27 AT 14:55 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 29 28 N
LONG 110 23 51 W
DRAINAGE AREA, 7 270 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	701
FEB	---	AUG	78.0
MAR	135	SEP	284
APR	1 230	OCT	104
MAY	90.8	NOV	---
JUN	118	DEC	---

TOTAL DISCHARGE, 2 890 dam³

VERMILION RIVER TRIBUTARY NEAR BRUCE - STATION NO. 05EE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0	---	1
2	---	---	0	0	0	0	0	0	0	0	0	---	2
3	---	---	0	0.0032	0	0	0	0	0	0	---	---	3
4	---	---	0	0.0328	0	0	0	0	0	0	---	---	4
5	---	---	0	0.0198	0	0	0	0	0	0	---	---	5
6	---	---	0	0.0089	0	0	0	0	0	0	---	---	6
7	---	---	0	0.014	0	0	0	0	0	0	---	---	7
8	---	---	0	0.007	0	0	0	0	0	0	---	---	8
9	---	---	0	0.004	0	0.017	0	0	0	0	---	---	9
10	---	---	0	0.003	0	0.008	0	0	0	0	---	---	10
11	---	---	0	0.003	0	0.002	0	0	0	0	---	---	11
12	---	---	0	0.001	0	0.002	0	0	0	0	---	---	12
13	---	---	0	0.001	0	0.001	0	0	0	0	---	---	13
14	---	---	0	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0.001	0	0	---	---	22
23	---	---	0	0	0	0	0	0.028	0	0	---	---	23
24	---	---	0	0	0	0	0	0.010	0	0	---	---	24
25	---	---	0	0	0	0	0	0.005	0	0	---	---	25
26	---	---	0	0	0	0	0	0.001	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0.087	0	0.027	0	0.045	0	0	---	---	TOTAL
MEAN	---	---	0	0.003	0	0.001	0	0.001	0	0	---	---	MEAN
MAX	---	---	0	0.032	0	0.017	0	0.028	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.0328 ON APR 4
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 17 42 N
LONG 112 02 54 W
DRAINAGE AREA, 46.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	3.88
MAR	0	SEP	0
APR	8.36	OCT	0
MAY	0	NOV	---
JUN	2.33	DEC	---

TOTAL DISCHARGE, 14.6 dam³

VIXEN CREEK NEAR BELLOY - STATION NO. 07FD021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 B	0	0	0	0	0	0	---	---	1
2	---	---	---	0 B	0	0	0	0	0	0	---	---	2
3	---	---	---	0.0058	0	0	0	0	0	0	---	---	3
4	---	---	---	0.010	0	0	0	0	0	0	---	---	4
5	---	---	---	0.002	0	0	0	0	0	0	---	---	5
6	---	---	---	0	0	0.084	0.024	0	0	0	---	---	6
7	---	---	---	0	0	0	0.048	0	0	0	---	---	7
8	---	---	---	0	0	0	0	0	0	0	---	---	8
9	---	---	---	0	0	0.034	0	0	0	0	---	---	9
10	---	---	---	0	0	0.093	0	0	0	0	---	---	10
11	---	---	---	0.012	0	0	0	0	0	0	---	---	11
12	---	---	---	0.037	0	0	0.556	0	0	0	---	---	12
13	---	---	---	0.057	0	0	0.531	0	0	0	---	---	13
14	---	---	---	0.045	0	0	0.666	0	0	0	---	---	14
15	---	---	---	0.025	0	0	0.618	0	0	0	---	---	15
16	---	---	---	0.003	0	0	0.351	0	0	0	---	---	16
17	---	---	---	0	0	0	0.157	0	0	0	---	---	17
18	---	---	---	0	0	0	0.081	0	0	0	---	---	18
19	---	---	---	0	0	0	0.008	0	0	0	---	---	19
20	---	---	---	0	0	0	0	0	0	0	---	---	20
21	---	---	---	0	0	0	0	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0	0	0	0	---	---	25
26	---	---	---	0	0	0	0	0	0	0	---	---	26
27	---	---	---	0	0	0	0	0	0	0	---	---	27
28	---	---	---	---	0	0	0	0	0	0	---	---	28
29	---	---	---	---	0	0	0	0	0	0	---	---	29
30	---	---	0 B	0	0	0	0	0	0	0	---	---	30
31	---		0 B		0		0	0		0		---	31
TOTAL	---	---	---	0.196	0	0.041	3.524	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.007	0	0.001	0.114	0	0	0	---	---	MEAN
MAX	---	---	---	0.057	0	0.034	0.666	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.666 ON JUL 14
MINIMUM DAILY, 0B ON MAR 29
MAXIMUM INSTANTANEOUS,
1.06 AT 15:15 MST ON JUL 13

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 43 30 N
LONG 119 08 30 W
DRAINAGE AREA, 125 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	304
FEB	---	AUG	0
MAR	---	SEP	0
APR	16.8	OCT	0
MAY	0	NOV	---
JUN	3.54	DEC	---

WABAMUN CREEK NEAR DUFFIELD - STATION NO. 05DE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.1258	0.447	0.056	0.080	0.042	0.035	0.044	0.032	---	1
2	---	---	0.0018	0.1088	0.035	0.042	0.078	0.041	0.035	0.040	0.032	---	2
3	---	---	0.0018	0.1238	0.032	0.038	2.18	0.040	0.035	0.039	0.034	---	3
4	---	---	0.0018	0.1258	0.035	0.034	0.887	0.041	0.031	0.042	0.034	---	4
5	---	---	0.0018	0.1308	0.045	0.040	0.707	0.041	0.033	0.041	0.036	---	5
6	---	---	0.0018	0.1408	0.038	0.080	4.81	0.202	0.033	0.039	0.038	---	6
7	---	---	0.0018	0.1408	0.032	0.041	5.32	0.298	0.038	0.039	0.040A	---	7
8	---	---	0.0018	0.1358	0.035	0.084	3.08	0.152	0.036	0.036	---	---	8
9	---	---	0.0088	0.1208	0.036	0.803	2.08	0.087	0.032	0.038	---	---	9
10	---	---	0.0128	0.0808	0.038	0.484	1.39	0.188	0.037	0.037	---	---	10
11	---	---	0.0188	0.0888	0.030	0.445	0.848	0.078	0.040	0.038	---	---	11
12	---	---	0.0208	0.0808	0.035	0.531	0.678	0.081	0.036	0.036	---	---	12
13	---	---	0.0248	0.0858	0.036	0.282	0.580	0.048	0.036	0.037	---	---	13
14	---	---	0.0288	0.0858	0.128	0.120	0.881	0.044	0.036	0.035	---	---	14
15	---	---	0.0338	0.1008	0.041	0.080	0.586	0.040	0.037	0.036	---	---	15
16	---	---	0.0398	0.1008	0.038	0.078	0.391	0.088	0.080	0.038	---	---	16
17	---	---	0.0488	0.108	0.034	0.084	0.291	0.122	0.077	0.036	---	---	17
18	---	---	0.0618	0.082	0.032	0.088	0.210	0.247	0.088	0.037	---	---	18
19	---	---	0.0588	0.150	0.385	0.088	0.178	0.108	0.057	0.040	---	---	19
20	---	---	0.0628	0.233	0.508	0.083	0.119	0.088	0.171	0.038	---	---	20
21	---	---	0.0688	0.283	0.038	0.083	0.113	0.288	0.188	0.036	---	---	21
22	---	---	0.0748	0.300	0.038	0.082	0.088	0.327	0.082	0.038	---	---	22
23	---	---	0.0788	0.295	0.030	0.304	0.081	0.251	0.042	0.083	---	---	23
24	---	---	0.0738	0.437	0.039	0.405	0.074	0.388	0.042	0.028	---	---	24
25	---	---	0.0778	0.430	0.047	0.142	0.089	0.291	0.042	0.036	---	---	25
26	---	---	0.0798	0.491	0.043	0.105	0.082	0.184	0.082	0.0388	---	---	26
27	---	---	0.0788	0.480	0.033	0.129	0.080	0.082	0.088	0.0388	---	---	27
28	---	---	0.0788	0.526	0.031	0.113	0.043	0.088	0.084	0.0388	---	---	28
29	---	---	0.0788	0.518	0.028	0.203	0.042	0.088	0.082	0.036	---	---	29
30	---		0.0778	0.848	0.052	0.117	0.044	0.040	0.081	0.032	---	---	30
31	---		0.1108		0.071		0.044	0.037		0.032		---	31
TOTAL	---	---	1.266	8.893	2.481	5.089	25.802	4.072	1.837	1.187	---	---	TOTAL
MEAN	---	---	0.041	0.230	0.080	0.188	0.832	0.131	0.088	0.038	---	---	MEAN
MAX	---	---	0.110	0.848	0.508	0.803	5.32	0.388	0.171	0.083	---	---	MAX
MIN	---	---	0.001	0.088	0.028	0.034	0.042	0.037	0.031	0.028	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.187
MAXIMUM DAILY, 5.32 ON JUL 7
MINIMUM DAILY, 0.0018 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.67 AT 23:00 MST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 42 N
LONG 114 22 00 W
DRAINAGE AREA, 513 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 230
FEB	---	AUG	352
MAR	108	SEP	141
APR	598	OCT	101
MAY	214	NOV	---
JUN	427	DEC	---

TOTAL DISCHARGE, 4 180 dam³

WABAMUN LAKE AT WABAMUN - STATION NO. 05DE002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	724.210	---	---	---	724.140	---	724.249	---	724.189	---	---	1
2	724.230	---	724.220	724.240	724.180	724.140	724.180	---	---	---	724.149	---	2
3	---	724.212	---	---	724.198	---	---	---	724.249	724.188	---	---	3
4	724.230	---	724.220	724.230	---	724.110	724.170	724.248	---	---	---	---	4
5	---	724.220	---	---	---	---	---	---	724.219	724.179	724.159	724.139	5
6	724.211	---	---	724.240	---	724.110	---	724.259	---	---	---	---	6
7	---	---	724.220	---	724.180	---	724.200	---	724.229	---	724.159	724.139	7
8	---	724.220	---	---	---	724.120	---	724.279	---	724.188	724.158	---	8
9	724.220	---	724.230	724.230	724.180	---	724.300	---	---	---	724.159	724.139	9
10	---	---	---	---	---	724.170	---	724.288	724.208	724.188	---	---	10
11	724.230	---	---	724.210	724.170	---	724.200	---	---	---	---	---	11
12	---	---	724.230	724.215	---	---	---	724.289	724.209	---	724.139	724.139	12
13	724.220	724.230	---	724.190	---	724.170	724.339	---	---	---	---	724.128	13
14	---	---	724.240	---	724.180	---	---	---	---	---	724.149	724.139	14
15	---	724.230	---	---	---	---	724.319	724.289	---	724.178	---	---	15
16	724.220	---	724.240	---	724.189	724.170	---	---	---	---	724.159	724.149	16
17	---	724.230	724.240	---	---	---	---	724.272	724.209	724.178	---	724.139	17
18	724.210	---	---	724.200	---	724.180	724.289	---	---	---	---	---	18
19	---	---	724.230	---	724.140	---	---	724.279	724.189	724.188	724.139	724.149	19
20	---	724.230	---	724.210	---	724.180	724.302	---	---	---	---	---	20
21	---	---	724.230	---	724.140	---	---	---	724.188	---	724.158	724.129	21
22	724.210	724.230	---	---	---	724.140	724.288	724.279	---	724.148	724.128	---	22
23	---	---	724.230	724.200	724.140	724.180	---	---	---	---	724.148	724.139	23
24	---	724.230	---	---	---	724.180	---	724.288	724.188	724.188	---	---	24
25	724.200	724.210	---	724.210	724.110	---	724.278	---	---	---	724.158	---	25
26	---	---	724.240	---	---	---	---	---	724.188	724.178	724.128	724.128	26
27	724.190	724.220	---	724.200	724.110	724.180	---	724.288	---	---	---	---	27
28	---	---	724.240	---	---	---	724.288	---	---	---	724.138	724.128	28
29	---	724.220	---	---	---	724.180	---	724.248	724.188	724.188	---	---	29
30	724.210		724.240	724.200	724.130	---	724.288	---	---	---	724.158	---	30
31	---		---		---		---	724.248		724.158		724.128	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 33 24 N
LONG 114 20 28 W

REGULATED

DRAINAGE AREA,
356 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM
APPLY -001.500 m ADJUSTMENT TO CONVERT TO CANADIAN NATIONAL RAILWAYS DATUM

WABASCA RIVER AT WADLIN LAKE ROAD - STATION NO. 07JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.140	4.880	5.380	5.080	176	187	274	268	102	97.1	41.38	27.88	1
2	7.880	4.880	5.380	5.130	177	212	312	262	102	96.9	42.48	27.88	2
3	7.730	4.820	5.520	5.780	171	244	312	235	101	96.8	43.88	27.88	3
4	7.270	4.740	5.730	5.080	164	261	288	220	105	93.8	42.88	27.78	4
5	7.080	4.860	5.880	5.480	153	246	280	208	104	91.6	40.98	27.78	5
6	6.920	5.040	6.080	10.4 B	145	239	282	197	99.6	89.7	40.48	27.68	6
7	6.730	5.100	7.010	12.0 B	142	231	421	188	94.3	88.7	41.68	27.58	7
8	6.880	5.100	7.100	12.6 B	140	232	581	178	90.3	87.9	38.68	27.48	8
9	6.810	5.220	6.670	12.7 B	134	236	652	169	86.1	86.6	38.68	27.48	9
10	6.130	5.470	6.730	14.4 B	126	248	786	165	83.0	85.6	38.28	27.38	10
11	5.710	5.340	6.880	17.1 B	125	264	728	161	80.0	84.7	37.88	27.38	11
12	5.460	5.470	6.940	20.3 B	121	269	868	157	77.0	83.8	37.58	27.28	12
13	5.210	5.780	7.220	27.1 B	118	272	907	152	73.8	83.8	36.78	27.18	13
14	4.940	5.880	7.060	28.0 B	118	301	718	148	71.8	82.8	35.68	26.68	14
15	4.730	6.030	7.180	33.1 B	113	314	892	148	71.8	82.2	36.08	25.08	15
16	4.770	6.100	7.230	84.0 B	108	308	883	142	70.7	81.7	34.48	24.78	16
17	4.880	6.100	7.040	82.2 B	105	287	1 010	136	71.4	80.6	33.68	24.38	17
18	4.980	6.310	7.060	127 B	107	287	977	133	72.0	80.3	33.18	24.38	18
19	5.220	6.480	7.180	134 B	108	268	887	130	74.3	48.7	32.58	23.88	19
20	5.220	6.730	7.430	181 B	108	226	788	131	73.8	49.2	32.48	22.68	20
21	5.280	6.880	7.280	184 B	105	208	717	133	72.9	48.0	32.38	21.88	21
22	5.100	6.210	7.430	188	107	183	827	132	73.1	46.6	32.18	21.48	22
23	5.180	6.030	7.500	193	105	181	841	128	72.0	48.8	31.68	21.28	23
24	5.040	5.980	7.780	187	103	188	837	123	73.6	48.8	30.98	20.68	24
25	5.100	6.100	7.850	178	100	189	687	118	72.4	48.6	30.38	20.38	25
26	5.280	6.100	7.920	171	98.6	148	458	114	71.2	42.18	29.68	19.78	26
27	5.220	6.310	7.450	188	94.6	141	418	108	70.6	38.88	29.38	19.58	27
28	5.280	6.310	8.230	184	93.6	133	378	105	88.7	31.28	28.68	18.78	28
29	5.040	6.380	8.880	187	93.7	134	343	102	88.6	31.78	28.48	18.08	29
30	5.180		8.440	178	114	184	312	101	87.0	38.18	28.08	17.18	30
31	4.880		8.130		148		286	97.8		36.78		16.38	31
TOTAL	170.84	168.87	226.18	2 890.41	3 827.8	6 881	17 871	4 777.8	2 416.8	1 886.1	1 089.2	743.1	TOTAL
MEAN	5.76	5.76	7.26	86.3	123	222	867	184	80.8	61.8	35.3	24.0	MEAN
MAX	8.14	6.73	8.68	193	176	314	1 010	268	105	97.1	43.8	27.8	MAX
MIN	4.73	4.74	6.38	8.06	93.6	133	280	97.8	87.0	31.2	38.0	16.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 114
MAXIMUM DAILY, 1 010 ON JUL 17
MINIMUM DAILY, 4.730 ON JAN 16
MAXIMUM INSTANTANEOUS,
1 020 AT 14:00 MST ON JUL 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 52 30 N
LONG 115 23 20 W
DRAINAGE AREA, 35 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 400	JUL	1 620 000
FEB	14 400	AUG	413 000
MAR	19 500	SEP	208 000
APR	324 000	OCT	138 000
MAY	331 000	NOV	91 500
JUN	575 000	DEC	64 200

TOTAL DISCHARGE, 3 830 000 dam³

WABASCA RIVER BELOW TROUT RIVER - STATION NO. 07JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.880	2.700	3.040	4.380	16.8	28.8	38.2	113	60.4	36.8	23.8	13.8 B	1
2	3.800	2.880	3.100	4.610	17.2	32.2	38.1	110	58.4	36.1	23.6	13.5 B	2
3	3.800	2.820	3.140	4.740	17.0	34.2	38.7	107	58.4	34.5	21.7	13.2 B	3
4	3.400	2.840	3.200	4.840	17.4	34.8	37.4	104	57.7	34.3	22.3	13.0 B	4
5	3.200	2.880	3.240	5.250	17.3	38.1	38.9	100	57.2	33.5	21.8	13.1 B	5
6	3.000	2.700	3.380	5.800	17.8	37.8	48.1	98.3	58.2	32.8	22.8	12.8 B	6
7	2.900	2.720	3.800	8.220	17.6	41.5	62.8	93.8	55.3	32.4	18.28	12.6 B	7
8	2.800	2.700	3.480	8.820	17.7	42.3	74.7	90.4	53.8	32.0	18.18	12.2 B	8
9	2.700	2.800	3.480	8.280	17.4	42.1	78.8	88.0	52.8	31.7	18.08	11.8 B	9
10	2.880	2.880	3.740	8.870	17.8	42.8	80.4	85.8	51.4	31.0	18.28	11.8 B	10
11	2.880	2.800	3.780	11.3 B	17.6	46.8	87.2	83.2	50.8	30.4	17.38	11.8 B	11
12	2.700	2.850	3.880	12.8 B	18.0	50.3	88.7	81.8	50.8	30.1	18.58	12.0 B	12
13	2.700	2.850	3.880	13.7 B	18.1	63.4	128	78.8	48.8	28.7	18.88	11.8 B	13
14	2.780	2.850	3.840	15.8 B	17.7	63.8	187	76.7	48.3	28.5	18.28	11.8 B	14
15	2.780	3.000	3.880	17.3 B	18.8	63.4	187	77.3	48.1	29.0	18.58	11.7 B	15
16	2.700	3.000	3.900	18.2 B	20.3	62.8	187	75.8	47.8	28.8	18.48	11.8 B	16
17	2.880	3.050	3.920	18.7 B	21.3	62.3	201	74.5	48.8	27.8	18.78	11.8 B	17
18	2.850	3.100	3.880	18.4 B	22.6	61.3	204	76.1	48.3	27.4	14.88	11.6 B	18
19	2.700	3.100	3.980	18.1 B	23.4	59.8	205	78.8	48.3	28.8	18.28	11.7 B	19
20	2.700	3.080	3.900	17.7 B	25.1	57.8	204	75.8	44.4	26.8	18.18	11.8 B	20
21	2.800	2.950	3.940	18.4 B	24.2	56.3	189	74.2	44.8	28.8	14.88	11.4 B	21
22	2.850	2.900	4.040	18.3 B	24.0	55.3	188	72.1	43.1	25.7	14.58	11.1 B	22
23	2.800	2.800	4.130	18.3 B	23.2	53.0	180	71.8	41.8	26.2	14.38	10.8 B	23
24	2.850	2.800	4.110	21.8	24.4	48.8	188	70.2	40.8	25.3	13.98	10.1 B	24
25	2.780	3.080	4.180	20.4	23.3	47.0	180	68.8	40.2	25.0	13.78	9.780	25
26	2.780	3.100	4.180	18.0	22.7	44.5	182	67.3	39.8	25.2	13.68	9.720	26
27	2.850	3.100	4.280	17.8	22.2	42.8	144	66.8	39.2	21.8	13.58	9.810	27
28	2.740	3.080	4.170	17.1	21.8	41.2	137	66.8	36.8	23.3	13.38	9.288	28
29	2.800	3.000	4.180	18.7	21.2	40.0	131	64.7	38.7	22.3	13.48	9.048	29
30	2.800		4.170	18.8	24.2	39.4	126	63.4	37.8	22.8	13.38	8.888	30
31	2.848		4.148		27.8		119	62.1		23.7		8.848	31
TOTAL	88.83	84.01	117.91	488.31	638.8	1 443.8	3 848.8	2 814.8	1 443.8	898.8	898.8	353.18	TOTAL
MEAN	2.86	2.90	3.80	13.8	20.8	48.1	127	81.1	48.1	28.8	18.8	11.4	MEAN
MAX	3.88	3.18	4.28	21.8	27.8	63.8	205	113	60.4	36.8	23.8	13.8	MAX
MIN	2.84	2.82	3.84	4.38	16.8	28.8	38.7	62.1	37.8	21.8	13.3	8.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.0
MAXIMUM DAILY, 205 ON JUL 18
MINIMUM DAILY, 2.840 ON JAN 31
MAXIMUM INSTANTANEOUS,
208 AT 17:00 MST ON JUL 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 18 27 N
LONG 113 47 10 W
DRAINAGE AREA, 14 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 880	JUL	341 000
FEB	7 280	AUG	217 000
MAR	10 200	SEP	126 000
APR	25 200	OCT	78 500
MAY	54 000	NOV	43 700
JUN	125 000	DEC	30 500

TOTAL DISCHARGE, 1 070 000 dam³

WABASH CREEK NEAR PIBROCH - STATION NO. 07EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0018	0.005	0.003	0.005	0.098	0.013	0	---	---	1
2	---	---	0 B	0.0018	0.005	0.003	0.002	0.075	0.010	0	---	---	2
3	---	---	0 B	0.0028	0.005	0.002	0.001	0.058	0.008	0	---	---	3
4	---	---	0 B	0.0038	0.005	0.001	0.001	0.040	0.004	0	---	---	4
5	---	---	0 B	0.0028	0.005	0.002	0.001	0.023	0.002	0	---	---	5
6	---	---	0 B	0.0028	0.005	0.001	0.817	0.010	0.001	0	---	---	6
7	---	---	0 B	0.0028	0.005	0	4.24	0.004	0.001	0	---	---	7
8	---	---	0 B	0.0038	0.005	0.005	2.82	0.002	0	0	---	---	8
9	---	---	0 B	0.0028	0.005	0.020	2.45	0.003	0	0	---	---	9
10	---	---	0 B	0.0028	0.005	0.035	2.38	0.002	0	0	---	---	10
11	---	---	0 B	0.0048	0.008	0.045	2.64	0.001	0	0	---	---	11
12	---	---	0 B	0.0038	0.012	0.050	2.92	0.001	0	0	---	---	12
13	---	---	0 B	0.0038	0.017	0.040	2.98	0.001	0	0	---	---	13
14	---	---	0 B	0.0028	0.020	0.015	2.67	0.001	0	0	---	---	14
15	---	---	0.0118	0.0038	0.028	0.005	2.38	0.001	0	0	---	---	15
16	---	---	0.0068	0.0038	0.027	0.002	2.17	0.001	0	0	---	---	16
17	---	---	0.0038	0.0038	0.023	0.001	1.88	0.002	0	0	---	---	17
18	---	---	0.0038	0.0038	0.018	0.001	1.64	0.012	0	0	---	---	18
19	---	---	0.0038	0.0038	0.018	0.001	1.50	0.013	0	0	---	---	19
20	---	---	0.0038	0.0038	0.012	0.001	1.25	0.018	0	0	---	---	20
21	---	---	0.0038	0.0038	0.010	0.001	0.881	0.028	0	0	---	---	21
22	---	---	0.0038	0.0038	0.007	0.001	0.518	0.033	0	0	---	---	22
23	---	0B	0.0038	0.003	0.004	0.001	0.358	0.030	0	0	---	---	23
24	---	0B	0.0038	0.003	0.002	0.007	0.332	0.027	0	0	---	---	24
25	---	0B	0.0038	0.003	0.001	0.008	0.309	0.026	0	0.158	---	---	25
26	---	0B	0.0038	0.006	0	0.005	0.287	0.025	0	0.291	---	---	26
27	---	0B	0.0018	0.005	0	0.004	0.233	0.025	0	0.188	---	---	27
28	---	0B	0 B	0.005	0	0.007	0.232	0.025	0	0.168	---	---	28
29	---	0B	0 B	0.005	0	0.006	0.241	0.023	0	0.278	---	---	29
30	---		0 B	0.006	0.002	0.008	0.202	0.020	0	0.480	---	---	30
31	---		0 B		0.003		0.187	0.017		0.428A		---	31
TOTAL	---	---	0.048	0.089	0.281	0.277	38.374	0.848	0.037	1.886	---	---	TOTAL
MEAN	---	---	0.001	0.003	0.008	0.009	1.24	0.021	0.001	0.063	---	---	MEAN
MAX	---	---	0.011	0.006	0.028	0.050	4.24	0.098	0.013	0.480	---	---	MAX
MIN	---	---	0	0.001	0	0	0.001	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.170
MAXIMUM DAILY, 4.24 ON JUL 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.80 AT 07:30 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 27 N
LONG 113 55 26 W
DRAINAGE AREA, 339 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 320
FEB	---	AUG	85.5
MAR	3.87	SEP	3.30
APR	7.89	OCT	170
MAY	22.6	NOV	---
JUN	23.9	DEC	---

TOTAL DISCHARGE, 3 610 dam³

WABATANISK CREEK AT HIGHWAY NO. 676 - STATION NO. 07EH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.002B	0.0088	0.188	0.143	0.208	0.011	0	0.006	0.010A	---	1
2	---	---	0 B	0.1128	0.228	0.181	0.134	0.008	0	0.002	---	---	2
3	---	---	0 B	0.0888	0.278	0.200	0.087	0.006	0	0.002	---	---	3
4	---	---	0 B	0.0868	0.233	0.310	0.076	0.003	0	0.001	---	---	4
5	---	---	0.0018	0.1178	0.218	0.288	0.062	0.001	0	0	---	---	5
6	---	---	0.0018	0.1148	0.212	0.353	0.076	0.003	0	0	---	---	6
7	---	---	0.0088	0.1128	0.227	2.00	0.146	0.008	0	0	---	---	7
8	---	---	0.0098	0.1208	0.220	1.87	0.240	0.002	0	0	---	---	8
9	---	---	0.0208	0.1168	0.202	3.84 A	0.228	0.001	0	0	---	---	9
10	---	---	0.0228	0.101	0.187	7.08 A	0.143	0	0	0	---	---	10
11	---	---	0.0348	0.088	0.188	3.68 A	0.189	0.005	0	0	---	---	11
12	---	---	0.0488	0.092	0.187	3.26	11.7 A	0.002	0	0	---	---	12
13	---	---	0.0328	0.109	0.148	2.76	13.5 A	0	0	0	---	---	13
14	---	---	0.0338	0.135	0.187	2.43	2.86 A	0	0	0	---	---	14
15	---	---	0.0188	0.183	0.887	1.85	1.82	0.001	0	0	---	---	15
16	---	---	0.0158	0.173	0.801	1.83	1.16	0	0	0	---	---	16
17	---	---	0.0048	0.168	0.482	1.83	0.713	0.011	0	0	---	---	17
18	---	---	0.0058	0.168	0.283	1.16	0.488A	0.015	0	0	---	---	18
19	---	---	0.0078	0.161	0.187	0.720	0.322	0.011	0	0.005	---	---	19
20	---	---	0.0188	0.161	0.178	0.581	0.225	0.010	0.004	0.002	---	---	20
21	---	---	0.0268	0.155	0.188	0.237	0.183	0.021	0.008	0.008	---	---	21
22	---	---	0.0468	0.155	0.140	0.178	0.123	0.013	0.007	0.008	---	---	22
23	---	---	0.0858	0.154	0.138	0.101	0.082	0.008	0.011	0.013	---	---	23
24	---	---	0.0488	0.150	0.126	0.089	0.078	0.003	0.008	0.014	---	---	24
25	---	---	0.0438	0.137	0.118	0.088	0.080	0.001	0.008	0.011	---	---	25
26	---	0.0018	0.0398	0.134	0.120	0.068	0.047	0	0.008	0.007	---	---	26
27	---	0.0018	0.0348	0.123	0.120	0.041	0.038	0	0.008	0.003A	---	---	27
28	---	0.0028	0.0338	0.124	0.112	0.041	0.034	0	0.011	0.0068	---	---	28
29	---	0.0018	0.0288	0.131	0.126	0.073	0.031	0	0.018	0.0108	---	---	29
30	---		0.0268	0.150	0.122	0.226	0.024	0	0.011	0.0158	---	---	30
31	---		0.0438		0.108		0.017	0		0.0128		---	31
TOTAL	---	---	0.734	3.838	5.444	37.172	35.387	0.138	0.091	0.123	---	---	TOTAL
MEAN	---	---	0.024	0.128	0.208	1.24	1.14	0.004	0.003	0.004	---	---	MEAN
MAX	---	---	0.059	0.173	0.887	7.08	13.5	0.021	0.018	0.018	---	---	MAX
MIN	---	---	0	0.088	0.108	0.041	0.017	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.342
MAXIMUM DAILY, 13.5A ON JUL 13
MINIMUM DAILY, 0B ON MAR 2
MAXIMUM INSTANTANEOUS,
23.2 AT 00:00 MST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 25 30 N
LONG 117 21 30 W
DRAINAGE AREA, 127 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 080
FEB	---	AUG	11.9
MAR	93.4	SEP	7.86
APR	331	OCT	10.6
MAY	557	NOV	---
JUN	3 210	DEC	---

TOTAL DISCHARGE, 7 290 dam³

REMARKS - PEAK FLOW WAS OBTAINED FROM HIGH WATER MARK. TIME UNKNOWN

WAINSCOTT COULEE NEAR BROWNVALE - STATION NO. 07FD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.013B	0.003E	0.013	0.107	0.018	0	0	0	---	1
2	---	---	0 B	0.013B	0.002E	0.018	0.084	0.016	0	0	0	---	2
3	---	---	0 B	0.028B	0.002E	0.020	0.224	0.012	0	0	0	---	3
4	---	---	0 B	0.041B	0.001E	0.026	0.280	0.010	0	0	---	---	4
5	---	---	0 B	0.053B	0.001E	0.026	0.246	0.009	0	0	---	---	5
6	---	---	0 B	0.028B	0.001E	0.055	0.270	0.011	0	0	---	---	6
7	---	---	0 B	0.018B	0.001E	0.052	0.241	0.013	0	0	---	---	7
8	---	---	0 B	0.011B	0.001E	0.153	0.186	0.012	0	0	---	---	8
9	---	---	0 B	0.008B	0 E	0.288	0.147	0.010	0	0	---	---	9
10	---	---	0 B	0.008B	0 E	0.581	0.147	0.011	0	0	---	---	10
11	---	---	0 B	0.005B	0 A	0.268	0.474	0.012	0	0	---	---	11
12	---	---	0 B	0.003B	0	0.245	4.82	0.010	0	0	---	---	12
13	---	---	0 B	0.001B	0	0.161	2.88	0.008	0	0	---	---	13
14	---	---	0.002B	0.001	0.005	0.148	0.822	0.007	0	0	---	---	14
15	---	---	0.018B	0.002	0.003	0.128	0.426	0.008	0	0	---	---	15
16	---	---	0.038B	0.001	0.002	0.127	0.291	0.007	0	0	---	---	16
17	---	---	0.032B	0.001	0.001	0.108	0.218	0.009	0	0	---	---	17
18	---	---	0.028B	0.001	0.001	0.080	0.163	0.010	0	0	---	---	18
19	---	---	0.028B	0.001E	0.001	0.058	0.235	0.009	0	0	---	---	19
20	---	---	0.023B	0.001E	0.001	0.045	0.223	0.007	0	0	---	---	20
21	---	---	0.020B	0.001E	0.005	0.038	0.149	0.006	0	0	---	---	21
22	---	0B	0.014B	0.001E	0.012	0.030	0.105	0.005	0	0	---	---	22
23	---	0B	0.008B	0.002E	0.015	0.026	0.078	0.004	0	0	---	---	23
24	---	0B	0.005B	0.004E	0.015	0.023	0.065	0.003	0	0	---	---	24
25	---	0B	0.003B	0.005E	0.013	0.018	0.054	0.002	0	0	---	---	25
26	---	0B	0.008B	0.004E	0.013	0.018	0.051	0.001	0	0	---	---	26
27	---	0B	0.013B	0.003E	0.013	0.014	0.043	0.001	0	0	---	---	27
28	---	0B	0.018B	0.002E	0.013	0.012	0.035	0.001	0	0	---	---	28
29	---	0B	0.015B	0.002E	0.014	0.070	0.026	0.001	0	0	---	---	29
30	---		0.012B	0.003E	0.014	0.126	0.022	0.001	0	0	---	---	30
31	---		0.013B		0.014		0.019	0.001		0		---	31
TOTAL	---	---	0.286	0.285	0.187	3.054	13.088	0.239	0	0	---	---	TOTAL
MEAN	---	---	0.010	0.009	0.006	0.102	0.423	0.008	0	0	---	---	MEAN
MAX	---	---	0.038	0.083	0.015	0.581	4.82	0.018	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0.012	0.019	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.070
MAXIMUM DAILY, 4.82 ON JUL 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.48 AT 10:30 MST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 37 N
LONG 117 56 08 W
DRAINAGE AREA, 149 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 130
FEB	---	AUG	30.8
MAR	25.5	SEP	0
APR	22.9	OCT	0
MAY	14.4	NOV	---
JUN	284	DEC	---

TOTAL DISCHARGE, 1 480 dam³

WAIPAROUS CREEK NEAR THE MOUTH - STATION NO. 05BG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.350B	0.265B	0.500B	0.510B	0.781	1.25	0.851	4.22	1.78	2.67	1.43	0.570B	1
2	0.360B	0.240B	0.470B	0.500E	0.788A	0.851	0.851	5.01	1.71	2.58	1.38	0.590B	2
3	0.370B	0.240B	0.480B	0.480B	0.840E	0.851	1.19	4.84	1.62	2.42	1.28	0.560B	3
4	0.380B	0.280B	0.440B	0.470B	0.576A	0.837	1.27	4.07	1.54	2.30	1.21	0.510B	4
5	0.380B	0.290B	0.480B	0.540B	0.900E	1.00	1.55	6.21	1.51	2.18	1.12	0.580B	5
6	0.367B	0.280B	0.490B	0.580B	2.80 E	1.53	2.30	4.32	1.47	2.08	1.18	0.560B	6
7	0.330B	0.410B	0.530B	0.540B	2.50 E	1.67	2.26	4.19	1.43	1.96	0.908B	0.540B	7
8	0.305B	0.400B	0.570B	0.520B	2.20 E	5.00	1.77	3.04	1.37	1.86	0.718B	0.500B	8
9	0.318B	0.390B	0.550B	0.500B	1.95 E	5.80	1.58	2.49	1.38	1.80	0.702B	0.540B	9
10	0.330B	0.410B	0.600B	0.980B	1.85 E	3.84	1.43	3.16	1.97	1.76	0.690B	0.580B	10
11	0.335B	0.480B	0.480B	1.08 B	1.78 A	2.41	1.45	2.39	2.07	1.68	0.680B	0.570B	11
12	0.310B	0.480B	0.520B	1.00 B	1.80 E	1.88	1.52	2.08	2.21	1.64	0.700B	0.580B	12
13	0.310B	0.480B	0.500B	0.900B	1.38 E	1.64	1.36	1.78	2.16	1.60	0.618B	0.540B	13
14	0.320B	0.450B	0.480B	1.00 B	1.30 E	1.71	1.18	1.68	2.11	1.57	0.580B	0.520B	14
15	0.345B	0.440B	0.490B	2.00 B	1.05 E	1.44	1.10	1.87	1.94	1.52	0.550B	0.510B	15
16	0.325B	0.450B	0.350B	2.30 E	0.880E	1.22	1.04	12.8	2.27	1.62	0.570B	0.520B	16
17	0.310B	0.450B	0.370B	2.15 E	0.880E	1.18	0.983	8.88	2.80	1.52	0.680B	0.540B	17
18	0.285B	0.490B	0.490B	1.89 A	0.780A	1.13	0.984	7.58	2.82	1.43 B	0.700B	0.530B	18
19	0.280B	0.540B	0.480B	2.02	0.780E	1.02	0.934	4.84	2.78	1.46	0.710B	0.520B	19
20	0.290B	0.520B	0.550B	1.80	0.880E	0.940	0.838	4.69	2.84	1.42	0.748B	0.510B	20
21	0.295B	0.500B	0.500B	1.59	1.04 E	0.811	0.789	5.17	2.88	1.36	0.788B	0.500B	21
22	0.300B	0.440B	0.480B	1.34	0.980E	0.678	0.752	3.93	2.40	1.48	0.771B	0.490B	22
23	0.270B	0.420B	0.500B	1.14	0.840E	0.643	0.710	3.14	2.38	1.38	0.730B	0.470B	23
24	0.285B	0.464B	0.500B	0.832	0.849A	0.802	0.881	3.73	2.38	1.38	0.810B	0.480B	24
25	0.275B	0.610B	0.480B	0.731	0.827	0.788	0.853	2.84	2.42	1.33	0.840B	0.480B	25
26	0.280B	0.580B	0.500B	0.723	0.813	0.783	0.828	2.80	2.33	1.40	0.490B	0.440B	26
27	0.285B	0.580B	0.480B	0.885	0.908	0.812	0.881	2.38	2.17	1.01 B	0.480B	0.480B	27
28	0.270B	0.560B	0.490B	1.14	0.878	0.988	0.830	2.17	2.08	1.26 B	0.490B	0.458B	28
29	0.248B	0.540B	0.380B	1.61	0.841	1.16	0.852	2.00	2.27	0.810B	0.510B	0.720B	29
30	0.236B		0.380B	1.12	0.949	1.17	0.800	1.93	2.84	1.52 B	0.540B	0.480B	30
31	0.225B		0.418B		1.34		0.878	1.83		1.35		0.438B	31
TOTAL	9.452	12.849	14.466	33.231	38.248	47.883	38.035	121.22	83.48	51.710	23.328	16.040	TOTAL
MEAN	0.305	0.438	0.467	1.11	1.14	1.58	1.13	3.91	2.12	1.67	0.778	0.517	MEAN
MAX	0.370	0.610	0.570	2.30	2.80	5.00	2.30	12.8	2.84	2.67	1.43	0.810	MAX
MIN	0.225	0.240	0.350	0.470	0.576	0.783	0.681	1.68	1.37	0.910	0.480	0.438	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.27
MAXIMUM DAILY, 12.8 ON AUG 16
MINIMUM DAILY, 0.225B ON JAN 31
MAXIMUM INSTANTANEOUS,
28.3 AT 02:43 MST ON AUG 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 56 N
LONG 114 50 15 W
DRAINAGE AREA, 334 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	617	JUL	3 030
FEB	1 080	AUG	10 500
MAR	1 280	SEP	5 480
APR	2 670	OCT	4 470
MAY	3 080	NOV	2 020
JUN	4 120	DEC	1 380

TOTAL DISCHARGE, 40 100 dam³

WAMPUS CREEK NEAR HINTON - STATION NO. 07AF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0188	0.2808	0.102E	0.128	0.087	0.061	0.171	0.0788	---	1
2	---	---	---	0.0188	0.2708	0.110A	0.118	0.086	0.086	0.180	0.0788	---	2
3	---	---	---	0.0178	0.2608	0.103	0.118	0.081	0.087	0.140	---	---	3
4	---	---	---	0.0188	0.2388	0.088	0.118	0.082	0.084	0.131	---	---	4
5	---	---	---	0.0208	0.2388	0.110	0.121	0.078	0.083	0.128	---	---	5
6	---	---	---	0.0238	0.2208	0.203	0.148	0.384	0.083	0.126	---	---	6
7	---	---	---	0.0248	0.2308	0.542	0.137	0.687	0.082	0.119	---	---	7
8	---	---	---	0.0278	0.2388	2.07	0.111	0.212	0.083	0.111	---	---	8
9	---	---	---	0.0288	0.2188	1.84	0.085	0.152	0.089	0.110	---	---	9
10	---	---	---	0.0338	0.2178	1.30	0.093	0.126	0.077	0.104	---	---	10
11	---	---	---	0.0388	0.1888	1.07	0.089	0.118	0.089	0.110	---	---	11
12	---	---	---	0.0448	0.2038	0.826	0.117	0.107	0.074	0.104	---	---	12
13	---	---	---	0.0518	0.2008	0.636	0.868	0.085	0.087	0.094	---	---	13
14	---	---	---	0.0648	0.201	0.502	0.077	0.078	0.081	0.089	---	---	14
15	---	---	---	0.1008	0.170	0.412	0.073	0.088	0.081	0.084	---	---	15
16	---	---	---	0.1708	0.158	0.352	0.070	0.152	0.183	0.089	---	---	16
17	---	---	---	0.5008	0.158	0.307	0.086	0.322	0.207	0.0888	---	---	17
18	---	---	---	0.3008	0.143	0.286	0.088	0.275	0.145	0.0828	---	---	18
19	---	---	---	0.2508	0.127	0.231	0.063	0.176	0.133	0.0818	---	---	19
20	---	---	---	0.3008	0.136	0.213	0.081	0.148	0.142	0.0808	---	---	20
21	---	---	---	0.3408	0.128	0.200	0.054	0.178	0.180	0.0788	---	---	21
22	---	---	---	0.3418	0.127	0.180	0.081	0.141	0.138	0.0788	---	---	22
23	---	---	0.0088	0.3208	0.127	0.167	0.050	0.122	0.126	0.0778	---	---	23
24	---	---	0.0088	0.2708	0.121	0.148	0.048	0.108	0.124	0.0778	---	---	24
25	---	---	0.0108	0.2568	0.117	0.138	0.048	0.098	0.138	0.0788	---	---	25
26	---	---	0.0108	0.2808	0.114	0.127	0.045	0.088	0.127	0.0788	---	---	26
27	---	---	0.0118	0.2808	0.112	0.131	0.047	0.083	0.181	0.0788	---	---	27
28	---	---	0.0128	0.3008	0.108	0.131	0.053	0.074	0.225	0.0788	---	---	28
29	---	---	0.0128	0.3108	0.108	0.167	0.051	0.070	0.241	0.0788	---	---	29
30	---		0.0138	0.3028	0.110	0.158	0.051	0.088	0.203	0.0788	---	---	30
31	---		0.0148		0.107A		0.050	0.088		0.0788		---	31
TOTAL	---	---	---	5.018	5.381	13.938	2.867	4.443	3.400	3.083	---	---	TOTAL
MEAN	---	---	---	0.187	0.174	0.431	0.081	0.143	0.113	0.086	---	---	MEAN
MAX	---	---	---	0.500	0.280	2.07	0.148	0.687	0.241	0.171	---	---	MAX
MIN	---	---	---	0.018	0.107	0.086	0.048	0.082	0.083	0.078	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.172
MAXIMUM DAILY, 2.07 ON JUN 8
MINIMUM DAILY, 0.018B ON APR 1
MAXIMUM INSTANTANEOUS,
3.28 AT 04:37 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 22 N
LONG 117 15 40 W
DRAINAGE AREA, 38.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	217
FEB	---	AUG	384
MAR	---	SEP	294
APR	433	OCT	284
MAY	466	NOV	---
JUN 1	120	DEC	---

TOTAL DISCHARGE, 3 180 dam³

WANDERING RIVER NEAR WANDERING RIVER - STATION NO. 07CA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1528	0.1808	0.1138	0.1808	5.02	4.44	5.86	4.82	0.673	0.393	0.3438	0.2728	1
2	0.1488	0.1708	0.1138	0.1808	5.04	5.18	7.38	4.86	0.645	0.287	0.3388	0.2728	2
3	0.1488	0.1708	0.1128	0.1808	5.16	5.72	8.81	4.38	0.586	0.223	0.3538	0.2728	3
4	0.1518	0.1638	0.1048	0.1808	5.20	5.75	12.5	4.13	0.549	0.248	0.3358	0.2688	4
5	0.1488	0.1648	0.1048	0.1888	5.06	7.88	14.6	3.90	0.525	0.279	0.3348	0.2638	5
6	0.1488	0.1588	0.1038	0.2058	5.25	8.50	16.5	3.60	0.586	0.274	0.3688	0.2678	6
7	0.1408	0.1588	0.1018	0.2208	5.11	8.89	17.5	3.28	0.663	0.276	0.3718	0.2648	7
8	0.1408	0.1508	0.0988	0.273	5.88	8.53	17.5	3.04	0.586	0.285	0.3698	0.2588	8
9	0.1348	0.1508	0.1158	0.285	5.81	10.2	17.9	2.87	0.480	0.305	0.3598	0.2648	9
10	0.1298	0.1568	0.1328	0.324	5.34	10.6	18.0	2.58	0.481	0.277	0.3478	0.2678	10
11	0.1378	0.1488	0.1248	0.380	4.87	11.4	18.0	2.33	0.418	0.278	0.3598	0.2688	11
12	0.1208	0.1388	0.1368	0.378	4.63	11.7	17.7	2.08	0.448	0.284	0.3568	0.2638	12
13	0.1188	0.1388	0.1418	0.428	4.19	12.2	17.4	1.97	0.406	0.283	0.3668	0.2908	13
14	0.1158	0.1368	0.1408	0.483	4.81	13.1	16.9	1.84	0.395	0.311	0.3568	0.3068	14
15	0.1108	0.1388	0.1388	0.818	4.62	13.8	16.0	1.71	0.406	0.302	0.3298	0.2788	15
16	0.1138	0.1288	0.1368	0.882	5.04	14.5	15.3	1.57	0.422	0.281	0.3388	0.2438	16
17	0.1078	0.1288	0.1308	1.81	5.60	14.4	14.9	1.40	0.347	0.301	0.3478	0.2438	17
18	0.1078	0.1338	0.1308	2.72	7.42	13.9	14.6	1.38	0.286	0.288	0.3318	0.2488	18
19	0.1038	0.1378	0.1338	4.48	8.21	12.8	14.1	1.37	0.262	0.286	0.3478	0.2508	19
20	0.0998	0.1478	0.1308	5.86	8.68	11.6	13.4	1.26	0.288	0.3508	0.3578	0.2488	20
21	0.1028	0.2338	0.1408	6.88	8.45	10.5	12.8	1.44	0.328	0.3108	0.3718	0.2388	21
22	0.1058	0.1918	0.1458	7.67	8.07	9.42	12.0	1.44	0.327	0.3208	0.3668	0.2418	22
23	0.0998	0.1348	0.1488	7.84	7.81	8.84	10.8	1.28	0.327	0.3078	0.3668	0.2378	23
24	0.0908	0.1288	0.1458	7.85	7.13	8.04	9.78	1.18	0.303	0.3148	0.3418	0.2468	24
25	0.0928	0.1178	0.1408	7.63	6.49	6.90	8.96	1.12	0.297	0.2728	0.3368	0.2378	25
26	0.0868	0.1328	0.1408	7.86	5.85	6.46	8.01	1.08	0.288	0.3278	0.3348	0.2388	26
27	0.0888	0.1148	0.1388	7.27	5.23	5.98	7.10	0.934	0.286	0.3228	0.3218	0.2368	27
28	0.1308	0.1158	0.1408	6.76	4.67	5.37	6.44	0.858	0.305	0.3278	0.3118	0.2328	28
29	0.1778	0.1128	0.1508	6.26	4.15	5.10	5.73	0.766	0.300	0.3348	0.3088	0.2348	29
30	0.1618		0.1608	5.34	4.47	5.47	5.81	0.905	0.295	0.3288	0.3088	0.2358	30
31	0.1628		0.1708		4.48		5.17	0.857		0.3328		0.2358	31
TOTAL	3.887	4.260	4.043	92.771	184.74	276.84	388.19	68.096	12.484	9.162	10.288	8.003	TOTAL
MEAN	0.125	0.147	0.130	3.09	5.96	9.23	12.5	2.13	0.416	0.296	0.343	0.258	MEAN
MAX	0.162	0.233	0.170	7.85	8.68	14.5	18.0	4.82	0.673	0.337	0.371	0.305	MAX
MIN	0.088	0.113	0.088	0.180	4.15	4.44	5.17	0.766	0.286	0.223	0.288	0.332	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.99
MAXIMUM DAILY, 18.0 ON JUL 10
MINIMUM DAILY, 0.088B ON JAN 28
MAXIMUM INSTANTANEOUS,
19.1 AT 19:11 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 11 57 N
LONG 112 37 58 W
DRAINAGE AREA, 1 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	336	JUL	33 500
FEB	387	AUG	9 710
MAR	348	SEP	1 080
APR	8 020	OCT	783
MAY	16 000	NOV	890
JUN	24 100	DEC	691

TOTAL DISCHARGE, 81 600 dam³

WAPITI RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8 B	9.30B	10.3B	18.4B	114	152	133	41.5	31.3	50.6	27.0B	17.2B	1
2	9.00B	8.35B	10.0B	17.6B	101	144	115	40.5	30.3	55.4	25.9B	17.6B	2
3	8.70B	8.47B	10.0B	19.5B	87.1	132	108	40.4	28.1	48.4	25.1B	17.5B	3
4	8.40B	10.1 B	10.7B	19.8B	78.4	130	90.0	37.9	27.7	38.6	25.1B	14.6B	4
5	8.51B	10.8 B	11.2B	18.7B	74.6	141	87.8	37.2	27.3	38.3	23.4B	13.0B	5
6	9.00B	11.3 B	11.4B	19.3B	72.0	185	85.2	40.2	27.6	34.0	24.1B	12.1B	6
7	9.00B	11.8 B	11.5B	18.7B	72.0	218	80.5	38.0	28.6	32.0	23.0B	12.7B	7
8	10.2 B	11.8 B	11.8B	19.7B	73.4	281	82.3	38.7	30.5	30.4	24.2B	14.0B	8
9	10.2 B	11.5 B	12.0B	21.3B	84.1	289	88.8	35.1	31.6	28.1	22.2B	14.8B	9
10	10.0 B	11.3 B	12.9B	21.8B	131	274	81.1	35.9	28.6	26.0	21.1B	14.0B	10
11	10.2 B	11.1 B	13.2B	23.2B	174	245	95.7	43.0	28.9	28.8	19.0B	12.8B	11
12	10.2 B	10.9 B	13.5B	23.4B	225	261	143	41.4	25.6	28.1	17.7B	13.8B	12
13	10.2 B	10.9 B	14.2B	26.9B	268	241	172	37.3	24.3	25.5	17.6B	15.4B	13
14	9.84B	10.8 B	16.0B	32.0	285	218	145	35.1	23.5	24.7	17.2B	15.1B	14
15	10.1 B	10.8 B	13.7B	37.6	270	210	118	34.2	24.8	24.3	16.9B	16.0B	15
16	10.2 B	10.8 B	13.8B	52.3	218	207	86.2	34.1	25.0	26.8	14.2B	14.8B	16
17	10.0 B	11.0 B	14.1B	60.0	188	204	83.4	33.6	24.5	27.1	16.2B	14.8B	17
18	10.1 B	11.3 B	14.8B	73.8	182	184	74.7	36.3	24.1	26.3	15.8B	14.7B	18
19	10.2 B	11.2 B	13.8B	77.6	169	198	86.0	40.8	22.8	25.5	16.8B	14.5B	19
20	9.82B	11.5 B	14.8B	82.6	148	181	83.2	40.4	21.6	24.2	16.6B	14.4B	20
21	10.5 B	10.8 B	16.0B	85.0	137	153	88.9	38.6	21.5	25.0	15.8B	14.1B	21
22	10.4 B	10.0 B	16.8B	86.1	128	134	86.8	37.1	20.8	28.6	17.4B	14.1B	22
23	9.87B	9.58B	18.2B	82.3	146	128	85.4	34.5	20.1	31.4	17.3B	13.8B	23
24	9.78B	9.08B	17.0B	76.1	164	130	82.8	32.7	19.9	36.5	17.4B	13.7B	24
25	10.1 B	9.40B	17.1B	74.3	180	123	49.7	32.0	19.9	37.2	16.8B	13.6B	25
26	10.0 B	8.41B	16.0B	72.4	188	107	84.1	30.8	19.7	38.1	16.7B	13.1B	26
27	9.90B	8.63B	16.7B	72.8	180	103	55.1	28.5	19.4	38.8	16.8B	12.8B	27
28	10.4 B	8.50B	16.2B	76.3	182	112	52.6	28.4	19.3	35.2B	16.3B	12.7B	28
29	10.8 B	10.1 B	15.0B	88.5	186	117	46.6	28.5	19.0	23.3B	15.9B	12.8B	29
30	11.4 B		15.5B	108	171	127	44.7	27.9	19.0	21.8B	15.5B	12.2B	30
31	9.88B		15.2B		162		42.3	27.7		25.6B		12.0B	31
TOTAL	311.70	300.73	437.0	1 517.7	4 785.8	5 280	2 630.1	1 109.1	733.5	986.8	575.7	437.8	TOTAL
MEAN	10.1	10.4	14.1	50.6	154	176	84.8	35.8	24.5	31.8	19.2	14.1	MEAN
MAX	11.4	11.8	18.2	108	285	289	172	43.0	31.6	55.6	27.0	17.6	MAX
MIN	8.40	8.35	10.3	18.4	72.0	103	42.3	27.7	19.0	21.8	14.2	12.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.2
MAXIMUM DAILY, 285 ON MAY 14
MINIMUM DAILY, 8.35B ON FEB 2
MAXIMUM INSTANTANEOUS,
306 AT 00:30 MST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 20 N
LONG 118 48 10 W
DRAINAGE AREA, 11 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 600	JUL	227 000
FEB	26 000	AUG	95 [illegible]
MAR	37 800	SEP	63 [illegible]
APR	131 000	OCT	85 [illegible]
MAY	413 000	NOV	49 700
JUN	457 000	DEC	37 800

TOTAL DISCHARGE, 1 650 000 dam³

WARE COULEE ABOVE MATZHIWIN CREEK - STATION NO. 05CJ008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.82	0.880	0.826	1.18	0.087	0.077	0.144	---	1
2	---	---	---	---	1.63	0.398	0.552	1.85	0.048	0.097	0.123	---	2
3	---	---	---	---	1.23	0.274	0.517	1.00	0.101	0.102	0.093A	---	3
4	---	---	---	---	0.700	0.138	0.582	1.01	0.083	0.140	---	---	4
5	---	---	---	---	0.581	0.877	0.420	0.843	0.070	0.507	---	---	5
6	---	---	---	---	0.853	0.610	0.831	1.18	0.078	0.473	---	---	6
7	---	---	---	---	0.570	0.826	0.863	1.15	0.224	0.516	---	---	7
8	---	---	---	---	0.712	1.48	0.515	1.15	0.371	0.602	---	---	8
9	---	---	---	---	0.514	3.88	0.101	0.824	0.178	0.555	---	---	9
10	---	---	---	---	0.780	2.41	0.229	0.448	0.304	0.858	---	---	10
11	---	---	---	---	0.838	1.43	0.342	0.884	0.858	0.853	---	---	11
12	---	---	---	---	0.598	1.80	0.365	0.637	0.929	0.570	---	---	12
13	---	---	---	---	0.614	1.50	0.066	1.07	0.828	0.626	---	---	13
14	---	---	---	---	0.878	1.88	0.351	1.08	0.463	0.382	---	---	14
15	---	---	---	---	0.838	0.787	0.187	1.28	0.438	0.487	---	0.0648	15
16	---	---	---	---	0.588	0.688	0.388	0.848	0.889	0.798	---	---	16
17	---	---	---	---	0.324	0.289	0.684	1.18	0.235	0.945	---	---	17
18	---	---	---	---	0.028	0.155	1.03	0.849	0.187	0.771	---	---	18
19	---	---	---	---	0.164	0.188	0.792	1.05	0.268	0.782	---	---	19
20	---	---	---	---	0.117	0.065	0.586	1.70	0.489	0.881	---	---	20
21	---	---	---	---	0.424	0.022	0.421	1.91	0.780	0.512	---	---	21
22	---	---	---	---	0.483	0.504	0.401	2.13	1.16	0.330	---	---	22
23	---	---	---	---	0.433	0.386	0.367	2.31	0.980	0.271	0.080A	---	23
24	---	---	---	---	0.413	0.095	0.288	1.80	0.622	0.285	---	---	24
25	---	---	---	---	0.482	0.702	0.441	1.34	1.11	0.220	---	---	25
26	---	---	---	---	0.488	0.671	0.331	0.724	1.06	0.203	---	---	26
27	---	---	---	0.704A	0.385	0.698	0.527	0.475	0.880	0.231	---	---	27
28	---	---	---	0.898	0.423	0.765	0.542	0.451	0.108	0.184	---	---	28
29	---	---	---	0.488	0.557	1.64	0.802	0.569	0.068	0.188	---	---	29
30	---		---	0.831	0.786	1.65	0.910	0.273	0.079	0.115	---	---	30
31	---		---		0.882		0.031	0.084		0.101		---	31
TOTAL	---	---	---	---	19.312	27.428	15.748	33.188	13.381	13.881	---	---	TOTAL
MEAN	---	---	---	---	0.623	0.914	0.508	1.07	0.445	0.448	---	---	MEAN
MAX	---	---	---	---	1.82	3.88	1.03	2.31	1.16	0.952	---	---	MAX
MIN	---	---	---	---	0.028	0.022	0.056	0.084	0.048	0.077	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.666
MAXIMUM DAILY, 3.88 ON JUN 9
MINIMUM DAILY, 0.022 ON JUN 21
MAXIMUM INSTANTANEOUS,
4.88 AT 09:25 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 45 N
LONG 111 48 55 W
DRAINAGE AREA, 93.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 360
FEB	---	AUG	2 870
MAR	---	SEP	1 150
APR	---	OCT	1 200
MAY	1 670	NOV	---
JUN	2 370	DEC	---

TOTAL DISCHARGE, 10 800 dam³

WASKAHIGAN RIVER NEAR THE MOUTH - STATION NO. 07GG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1758	0.1458	0.4058	1.068	3.08	1.93	31.3	1.25	0.428	0.579	0.5788	0.4708	1
2	0.1758	0.1428	0.3848	1.128	2.89	1.82	18.8	1.27	0.404	0.585	0.5028	0.4858	2
3	0.1758	0.1488	0.3808	1.258	2.63	1.70	14.1	1.17	0.380	0.570	0.5238	0.4808	3
4	0.1758	0.1508	0.4208	1.218	2.38	1.58	10.9	1.11	0.367	0.548	0.5598	0.4808	4
5	0.1758	0.1608	0.4608	1.548	2.20	1.50	8.82	1.08	0.362	0.543	0.5518	0.4758	5
6	0.1758	0.1808	0.4858	1.848	2.27	1.54	8.04	1.03	0.347	0.528	0.7188	0.4708	6
7	0.1758	0.1828	0.4758	1.818	2.28	1.70	15.1	0.983	0.376	0.502	0.5948	0.4858	7
8	0.1758	0.1808	0.4808	2.588	2.20	2.07	17.4	0.922	0.414	0.493	0.5798	0.4808	8
9	0.1758	0.1828	0.5008	2.898	2.12	4.48	12.4	0.877	0.388	0.478	0.5848	0.4858	9
10	0.1758	0.1858	0.5248	3.138	2.04	11.8	10.5	0.840	0.378	0.470	0.5808	0.4808	10
11	0.1758	0.1848	0.5428	3.718	2.01	28.3	10.0	0.873	0.382	0.486	0.5808	0.4458	11
12	0.1758	0.2088	0.5428	5.008	1.88	73.8	9.18	0.818	0.388	0.501	0.5648	0.4408	12
13	0.1758	0.2388	0.5888	4.848	1.87	52.8	9.80	0.852	0.383	0.490	0.5728	0.4308	13
14	0.1808	0.2468	0.6328	4.738	2.18	32.1	8.48	0.867	0.348	0.447	0.5488	0.4258	14
15	0.1858	0.2548	0.6188	4.388	4.08	18.4	8.28	0.787	0.378	0.461	0.5728	0.4208	15
16	0.1908	0.2708	0.8148	4.228	4.58	15.0	8.48	0.788	0.381	0.458	0.5688	0.4158	16
17	0.1908	0.2628	0.8148	5.09	3.87	12.5	8.38	0.767	0.386	0.483	0.5728	0.4158	17
18	0.1858	0.2548	0.8488	5.08	3.40	10.2	4.86	0.841	0.401	0.441	0.5788	0.4108	18
19	0.2008	0.2388	0.8888	4.88	3.00	8.58	4.01	0.884	0.458	0.441	0.5608	0.4058	19
20	0.2278	0.2688	0.7118	4.34	2.78	7.27	3.68	1.05	0.510	0.480	0.5428	0.4008	20
21	0.2278	0.2708	0.7808	4.06	2.46	6.43	3.23	0.811	0.508	0.458	0.5248	0.4008	21
22	0.2308	0.2688	0.8408	3.79	2.21	5.74	2.82	0.807	0.513	0.462	0.5248	0.3988	22
23	0.2348	0.2708	0.8008	3.49	2.04	5.01	2.45	0.727	0.569	0.456	0.5548	0.3908	23
24	0.2388	0.2688	0.8008	3.28	1.88	4.58	2.20	0.668	0.532	0.442	0.5308	0.3908	24
25	0.2428	0.3008	0.8488	2.68	1.74	4.30	2.00	0.616	0.482	0.482	0.5008	0.3858	25
26	0.2308	0.3168	1.00 B	2.51	1.64	3.94	1.83	0.580	0.488	0.484	0.4808	0.3788	26
27	0.2158	0.3228	1.25 B	2.38	1.63	3.78	1.71	0.548	0.483	0.4308	0.4858	0.3708	27
28	0.2008	0.3388	1.20 B	2.33	1.47	9.05	1.64	0.521	0.515	0.4408	0.5008	0.3888	28
29	0.1788	0.3508	1.07 B	2.38	1.55	20.6	1.41	0.488	0.585	0.5128	0.5128	0.3808	29
30	0.1588		0.9688	2.62	1.73	51.2	1.38	0.470	0.568	0.5028	0.4908	0.3588	30
31	0.1588		0.9248		1.88		1.30	0.444		0.5888		0.3508	31
TOTAL	5.947	5.942	21.159	94.30	75.02	405.17	238.84	25.928	13.083	15.185	17.189	13.990	TOTAL
MEAN	0.192	0.230	0.683	3.14	2.39	13.5	7.73	0.836	0.436	0.490	0.573	0.418	MEAN
MAX	0.242	0.350	1.25	5.09	4.58	73.8	31.3	1.27	0.585	0.602	0.715	0.480	MAX
MIN	0.155	0.142	0.364	1.06	1.47	1.50	1.30	0.444	0.342	0.430	0.480	0.350	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.55
MAXIMUM DAILY, 73.8 ON JUN 12
MINIMUM DAILY, 0.1428 ON FEB 2
MAXIMUM INSTANTANEOUS,
78.2 AT 05:30 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 45 03 N
LONG 117 12 20 W
DRAINAGE AREA, 1 040 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	514	JUL	20 700
FEB	800	AUG	2 240
MAR	1 830	SEP	1 130
APR	8 150	OCT	1 310
MAY	6 400	NOV	1 490
JUN	35 000	DEC	1 120

TOTAL DISCHARGE, 80 500 dam³

WASKASOO CREEK AT RED DEER - STATION NO. 05CC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.218B	0.010	0.011	0.102E	0.108	0.088	0.080	0.044	---	1
2	---	---	0 B	0.180B	0.018	0.012	0.188	0.021	0.085	0.057	0.031	---	2
3	---	---	0 B	0.101	0.050	0.011	0.085	0.010	0.034	0.058	0.115E	---	3
4	---	---	0.0018	0.073	0.011	0.007	0.048	0.008	0.030	0.055	0.188	---	4
5	---	---	0.0038	0.058	0.010	0.104	1.82	0.008	0.028	0.047	0.033	---	5
6	---	---	0.0038	0.072	0.084	0.031	0.893	1.14	0.020	0.048	0.021	---	6
7	---	---	0.0058	0.723	0.062	0.030	0.042	0.023	0.048	0.040	0.017	---	7
8	---	---	0.0038	0.418	0.020	1.28	0.174	0.108	0.022	0.038	0.058E	---	8
9	---	---	0.0028	0.283	0.011	1.60	0.148	0.334	0.018	0.038	0.083	---	9
10	---	---	0.0018	0.210	0.011	0.890	0.093	0.033	0.040	0.028	0.023	---	10
11	---	---	0.0018	0.188	0.032	0.403	0.174	0.018	0.028	0.025	0.021	---	11
12	---	---	0.0048	0.164	0.011	0.274	0.243	0.011	0.022	0.023	0.017	---	12
13	---	---	0.0038	0.098	0.011	0.344	0.174	0.008	0.088	0.027	0.018	---	13
14	---	---	0.0018	0.071	0.014	0.148	0.103	0.017E	0.032	0.028	0.018	---	14
15	---	---	0.0018	0.087	0.007	0.091	0.322	0.025	0.035E	0.028	0.014	---	15
16	---	---	0.0018	0.053	0.012	0.034	0.213E	0.177	0.206E	0.026	0.014	---	16
17	---	---	0.0018	0.047	0.011	0.055	0.208E	0.088	0.283	0.037	0.0148	---	17
18	---	---	0.0028	0.040	0.010	0.026	0.188	0.093	0.485	0.032	0.0148	---	18
19	---	---	0.0038	0.047	0.007	0.024	0.207	0.035	0.238	0.021	0.0148	---	19
20	---	---	0.0058	0.040	0.007	0.018	0.120	0.088	0.084	0.017	0.0138	---	20
21	---	---	0.0078	0.030	0.008	0.016	0.083	0.038	0.057	0.018	0.0138	---	21
22	---	---	0.0068	0.022	0.013	0.022	0.084	0.870E	0.032	0.014	0.0138	---	22
23	---	---	0.0108	0.022	0.011E	0.015	0.060	0.502	0.138	0.013	0.0138	---	23
24	---	0.0058	0.0118	0.016	0.008	0.014E	0.038	0.274	0.078	0.011	0.0148	---	24
25	---	0.0028	0.0128	0.028	0.008	0.012	0.029	0.247	0.068E	0.008	0.0118	---	25
26	---	0 B	0.0118	0.061E	0.018E	0.008	0.021	0.222	0.058	0.012	0.0088	---	26
27	---	0 B	0 B	0.088	0.028E	0.142	0.017	0.214	0.067	0.012	---	---	27
28	---	0 B	0.0018	0.063	0.040	0.108	0.071	0.210	0.067	0.013	---	---	28
29	---	0 B	0.1388	0.038E	0.042E	0.068	0.017	0.138E	0.064	0.013	---	---	29
30	---		0.3238	0.024E	0.044	0.048	0.010	0.085	0.064	0.014	---	---	30
31	---		1.92 B		0.014		0.011	0.088		1.84		---	31
TOTAL	---	---	2.481	3.521	0.523	5.898	5.748	5.523	2.883	2.882	---	---	TOTAL
MEAN	---	---	0.080	0.117	0.020	0.200	0.185	0.178	0.085	0.087	---	---	MEAN
MAX	---	---	1.92	0.723	0.084	1.60	1.82	1.14	0.485	1.84	---	---	MAX
MIN	---	---	0	0.016	0.007	0.007	0.010	0.008	0.018	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.110
MAXIMUM DAILY, 1.92B ON MAR 31
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.67 [illegible] JUN 8

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 18 07 N
LONG 113 47 52 W
DRAINAGE AREA, 484 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	486
FEB	---	AUG	477
MAR	214	SEP	221
APR	394	OCT	233
MAY	53.8	NOV	---
JUN	518	DEC	---

TOTAL DISCHARGE, 2 520 dam³

REMARKS - PEAK FLOW WAS OBTAINED FROM HIGH WATER MARK. TIME UNKNOWN

WASKATENAU CREEK NEAR WASKATENAU - STATION NO. 05EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0048	0.005	0.001	0.048	0	0	0	0	---	1
2	---	---	0 B	0.0048	0.005	0.001	0.054	0	0	0	0	---	2
3	---	---	0 B	0.0048	0.004	0.001	0.053	0	0	0	0	---	3
4	---	---	0 B	0.0048	0.004	0.001	0.072	0	0	0	---	---	4
5	---	---	0 B	0.0038	0.004	0.001	0.084	0	0	0	---	---	5
6	---	---	0 B	0.0038	0.004	0.001	0.104	0	0	0	---	---	6
7	---	---	0 B	0.0038	0.004	0.005	0.108	0	0	0	---	---	7
8	---	---	0.0018	0.0038	0.004	0.008	0.100	0	0	0	---	---	8
9	---	---	0.0068	0.0038	0.003	0.029	0.101	0	0	0	---	---	9
10	---	---	0.0118	0.0038	0.003	0.056	0.104	0	0	0	---	---	10
11	---	---	0.0178	0.0068	0.003	0.103	0.102	0	0	0	---	---	11
12	---	---	0.0148	0.0088	0.003	0.066	0.108	0	0	0	---	---	12
13	---	---	0.0108	0.0128	0.003	0.042	0.108	0	0	0	---	---	13
14	---	---	0.0088	0.0138	0.003	0.036	0.226	0	0	0	---	---	14
15	---	---	0.0078	0.0128	0.003	0.032	0.254	0	0	0	---	---	15
16	---	---	0.0078	0.0118	0.002	0.030	0.230	0	0	0	---	---	16
17	---	---	0.0078	0.0118	0.002	0.034	0.203	0	0	0	---	---	17
18	---	---	0.0068	0.011	0.002	0.028	0.181	0	0	0	---	---	18
19	---	---	0.0148	0.011	0.002	0.021	0.182	0	0	0	---	---	19
20	---	---	0.0218	0.011	0.002	0.014	0.161	0	0	0	---	---	20
21	---	---	0.0138	0.009	0.002	0.006	0.100	0	0	0	---	---	21
22	---	---	0.0128	0.009	0.002	0.001	0.080	0	0	0	---	---	22
23	---	---	0.0138	0.009	0.001	0.001	0.026	0	0	0	---	---	23
24	---	---	0.0118	0.009	0.001	0.004	0.015	0	0	0	---	---	24
25	---	---	0.0108	0.009	0.001	0.004	0.008	0	0	0	---	---	25
26	---	---	0.0088	0.007	0.001	0.004	0	0	0	0	---	---	26
27	---	---	0.0088	0.007	0.001	0.005	0	0	0	0	---	---	27
28	---	---	0.0078	0.007	0.001	0.015	0	0	0	0	---	---	28
29	---	---	0.0088	0.007	0.001	0.025	0	0	0	0	---	---	29
30	---		0.0088	0.007	0.001	0.048	0	0	0	0	---	---	30
31	---		0.0088		0.001		0	0		0		---	31
TOTAL	---	---	0.227	0.223	0.078	0.829	3.472	0	0	0	---	---	TOTAL
MEAN	---	---	0.007	0.007	0.003	0.021	0.112	0	0	0	---	---	MEAN
MAX	---	---	0.021	0.013	0.005	0.103	0.254	0	0	0	---	---	MAX
MIN	---	---	0	0.003	0.001	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.019
MAXIMUM DAILY, 0.254 ON JUL 15
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 33 N
LONG 112 48 56 W
DRAINAGE AREA, 313 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	200
FEB	---	AUG	0
MAR	19.6	SEP	0
APR	19.3	OCT	0
MAY	6.62	NOV	---
JUN	84.3	DEC	---

TOTAL DISCHARGE, 400 dam³

WATERTON - BELLY DIVERSION CANAL - STATION NO. 05AD027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	0E	0E	0	19.8	46.5	26.5	13.0	7.76	0	24.1	0E	1
2	0E	0E	0E	0	19.7	50.0	26.4	12.9	7.73	0	32.8	0E	2
3	0E	0E	0E	0	19.6	51.0	26.3	13.2	7.68	0	31.6	0E	3
4	0E	0E	0E	0	19.6	51.0	22.9	13.4	7.64	0	30.8	0E	4
5	0E	0E	0E	3.06	19.6	51.0	19.6	13.3	7.56	0	29.6	0E	5
6	0E	0E	0E	8.03	19.6	48.6	19.6	13.2	7.46	0	28.6	0E	6
7	0E	0E	0E	14.2	19.6	46.0	19.7	13.1	7.37	0	21.6	0E	7
8	0E	0E	0E	16.0	20.2	41.0	19.7	13.1	7.31	0	7.93	0E	8
9	0E	0E	0E	15.7	22.6	40.1	19.7	13.0	7.28	0	0.082	0E	9
10	0E	0E	0E	15.5	24.8	42.1	19.8	13.0	7.26	0	0	0E	10
11	0E	0E	0E	15.3	25.2	43.3	19.8	12.8	7.23	0	0	0E	11
12	0E	0E	0E	15.1	25.8	43.5	19.5	12.7	7.17	0	0	0E	12
13	0E	0E	0E	15.6	21.0	46.5	19.4	12.8	7.13	0	0	0E	13
14	0E	0E	0E	16.3	17.2	48.2	19.3	12.5	7.08	0	0	0E	14
15	0E	0E	0E	16.5	17.4	48.0	19.2	12.5	7.59	0	0	0E	15
16	0E	0E	0E	16.5	32.2	48.5	19.1	10.7	8.06	0	0	0E	16
17	0E	0E	0E	16.5	30.3	48.5	19.1	9.40	8.00	0	0	0E	17
18	0E	0E	0E	16.7	28.9	48.2	19.0	9.31	7.92	0	0	0E	18
19	0E	0E	0E	16.9	28.5	48.0	17.8	9.25	7.87	0	0	0E	19
20	0E	0E	0E	17.3	40.6	47.5	17.6	9.23	7.81	0	0	0E	20
21	0E	0E	0E	17.6	40.4	47.5	17.6	9.18	7.71	0	0	0E	21
22	0E	0E	0A	18.3	40.6	47.1	17.5	9.11	7.83	0	0	0E	22
23	0E	0E	0	18.7	40.6	44.3	17.4	9.08	4.07	0	0 A	0E	23
24	0E	0E	0	18.0	41.1	27.5	17.3	9.04	0.341	0	0 E	0E	24
25	0E	0E	0	18.7	41.6	33.5	17.1	8.88	0.140	0	0 E	0E	25
26	0E	0E	0	18.8	42.0	33.4	17.1	8.80	0.100	0	0 E	0E	26
27	0E	0E	0	18.5	42.4	33.3	16.9	8.88	0	0	0 E	0E	27
28	0E	0E	0	18.1	42.7	30.7	16.6	8.82	0	0	0 E	0E	28
29	0E	0E	0	18.3	43.1	28.7	14.7	8.88	0	0	0 E	0E	29
30	0E		0	18.4	43.5	28.6	13.1	8.83	0	0	0 E	0E	30
31	0E		0		43.9		13.0	8.17		6.38		0E	31
TOTAL	0	0	0	424.59	943.7	1 304.0	580.8	339.50	170.840	6.38	296.822	0	TOTAL
MEAN	0	0	0	14.2	30.4	43.5	18.7	11.0	5.69	0.205	9.80	0	MEAN
MAX	0	0	0	18.4	43.9	51.0	26.5	13.4	8.06	6.38	32.8	0	MAX
MIN	0	0	0	0	17.2	28.6	13.0	8.17	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.5
MAXIMUM DAILY, 51.0 ON JUN 3
MINIMUM DAILY, 0E ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 20 N
LONG 113 35 10 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	50 200
FEB	0	AUG	39 300
MAR	0	SEP	14 600
APR	25 700	OCT	550
MAY	81 600	NOV	17 800
JUN	113 000	DEC	0

TOTAL DISCHARGE, 344 000 dam³

WATERTON LAKE AT WATERTON PARK - STATION NO. 05AD025

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1278.364	1278.911	1279.380	1278.914	1278.490	1278.322	1278.373	1278.490	1278.467E	1
2	---	---	---	1278.354	1278.908	1279.336	1278.883	1278.482	1278.320	1278.380	1278.477	1278.434	2
3	---	---	---	1278.410	1278.891	1279.296	1278.851	1278.458	1278.319	1278.387	1278.482	1278.418	3
4	---	---	---	1278.414	1278.881	1279.309	1278.826	1278.453	1278.318	1278.392	1278.487	1278.401	4
5	---	---	---	1278.414	1278.881	1279.378	1278.821	1278.442	1278.318	1278.395	1278.494	1278.389	5
6	1278.285A	---	---	1278.412	1278.883	1279.444	1278.806	1278.438	1278.320	1278.395	1278.517	1278.377	6
7	---	---	---	1278.490	1278.905	1279.486	1278.776	1278.428	1278.306	1278.395	1278.542	1278.374	7
8	---	---	---	1278.546	1278.928	1279.539	1278.753	1278.428	1278.293	1278.381	1278.564	1278.374	8
9	---	1278.252A	---	1278.580	1278.957	1279.600	1278.732	1278.421	1278.286	1278.386	1278.575	1278.388	9
10	---	---	1278.280A	1278.585	1279.016	1279.433	1278.715	1278.406	1278.287	1278.385	1278.581	1278.358	10
11	---	---	---	1278.594	1279.118	1279.374	1278.703	1278.402	1278.300	1278.383	1278.585	1278.354	11
12	---	---	---	1278.598	1279.280	1279.314	1278.690	1278.400	1278.300	1278.376	1278.584	1278.349	12
13	---	---	---	1278.621	1279.443	1279.272	1278.684	1278.400	1278.299	1278.373	1278.578	1278.340A	13
14	---	---	---	1278.648	1279.481	1279.228	1278.645	1278.395	1278.299	1278.371	1278.573	1278.340A	14
15	---	---	---	1278.688	1279.472	1279.185	1278.628	1278.389	1278.297	1278.373	1278.570	---	15
16	---	---	---	1278.780	1279.430	1279.174	1278.608	1278.385	1278.290	1278.425	1278.557	---	16
17	---	---	---	1278.848	1279.451	1279.178	1278.595	1278.380	1278.305	1278.505	1278.546	---	17
18	---	---	---	1278.838	1279.472	1279.185	1278.581	1278.380	1278.310	1278.538E	1278.537	1278.338A	18
19	---	---	---	1279.000	1279.428	1279.180	1278.571	1278.378	1278.305	1278.556	1278.527	---	19
20	1278.280A	---	---	1279.048	1279.388	1279.186	1278.582	1278.374	1278.309	1278.556	1278.511	---	20
21	---	---	1278.304	1279.082	1279.318	1279.143	1278.545	1278.373	1278.309	1278.555	1278.500	---	21
22	---	---	1278.300	1279.088	1279.281	1279.122	1278.526	1278.365	1278.299	1278.554	1278.488	---	22
23	---	---	1278.298	1279.033	1279.317	1279.097	1278.518	1278.358	1278.301	1278.548	1278.463	---	23
24	---	---	1278.298	1279.014	1279.402	1279.088	1278.509	1278.353	1278.299	1278.532	1278.482E	---	24
25	---	---	1278.298	1279.004	1279.430	1279.042	1278.499	1278.352	1278.318	1278.525	1278.481E	---	25
26	---	1278.242A	1278.308	1278.998	1279.416	1279.017	1278.491	1278.355	1278.330	1278.523	1278.480E	---	26
27	---	---	1278.320	1278.928	1279.417	1278.992	1278.484	1278.355	1278.345	1278.521E	1278.479E	---	27
28	---	---	1278.333	1278.887	1279.413	1278.975	1278.476	1278.353	1278.360	1278.522E	1278.477E	---	28
29	---	---	1278.342	1278.890	1279.416	1278.971	1278.468	1278.350	1278.385	1278.517	1278.476E	---	29
30	---		1278.341	1278.908	1279.430	1278.948	1278.461	1278.337	1278.395	1278.507	1278.472E	---	30
31	---		1278.341		1279.421		1278.451	1278.328		1278.491		---	31
MEAN	---	---	---	1278.735	1279.238	1279.225	1278.637	1278.393	1278.313	1278.486	1278.518	---	MEAN
MAX	---	---	---	1279.082	1279.481	1278.539	1278.914	1278.482	1278.385	1278.556	1278.585	---	MAX
MIN	---	---	---	1278.364	1278.881	1278.948	1278.451	1278.328	1278.298	1278.371	1278.472	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 1279.539 ON JUN 8

MAXIMUM INSTANTANEOUS,
1279.543 AT 12:26 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 03 21 N
LONG 113 54 32 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
401 km²

WATERTON RESERVOIR - STATION NO. 05AD026

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1172.039	1172.833	1172.899	1174.183	1178.084	1181.480	1181.808	1178.883	1178.115	1174.780	1176.976	1177.288	1
2	1172.044	1172.846	1173.018	1174.288	1178.111	1181.525	1181.437	1178.804	1178.027	1174.814	1176.975	1177.348	2
3	1172.058	1172.862	1173.035	1174.322	1178.180	1181.546	1181.384	1178.723	1178.058	1174.870	1176.981	1177.406	3
4	1172.072	1172.889	1173.057	1174.367	1178.198	1181.534	1181.272	1178.624	1178.075	1174.930	1176.032	1177.475	4
5	1172.083	1172.888	1173.076	1174.428	1178.240	1181.537	1181.285	1178.516	1178.788	1174.982	1176.722	1177.537	5
6	1172.090	1172.878	1173.088	1174.422	1178.288	1181.611	1181.264	1178.407	1178.716	1175.057	1176.437	1177.585	6
7	1172.095	1172.880	1173.118	1174.384	1178.281	1181.771	1181.248	1178.303	1178.626	1175.122	1176.173	1177.642	7
8	1172.105	1172.902	1173.138	1174.358	1178.513	1182.020	1181.220	1178.203	1178.538	1175.185	1176.048	1177.675	8
9	1172.112	1172.917	1173.184	1174.157	1178.628	1182.332	1181.185	1178.103	1178.459	1175.281	1175.180	1177.710	9
10	1172.128	1172.931	1173.189	1174.071	1178.742	1182.552	1181.138	1177.994	1178.389	1175.314	1176.308	1177.778	10
11	1172.142	1172.950	1173.212	1173.983	1178.918	1182.681	1181.088	1177.884	1178.297	1175.375	1175.432	1177.820	11
12	1172.158	1172.972	1173.233	1173.914	1178.163	1182.780	1181.024	1177.776	1178.234	1175.423	1176.551	1177.880	12
13	1172.172	1172.994	1173.283	1173.834	1178.583	1182.828	1180.956	1177.667	1178.160	1175.484	1176.577	1177.928	13
14	1172.184	1172.716	1173.295	1173.788	1177.207	1182.808	1180.887	1177.550	1178.078	1175.534	1176.703	1177.980	14
15	1172.203	1172.741	1173.338	1173.684	1177.843	1182.742	1180.808	1177.442	1176.001	1175.584	1176.802	1178.018	15
16	1172.222	1172.764	1173.371	1173.634	1178.387	1182.681	1180.728	1177.388	1174.812	1175.638	1176.015	1178.033	16
17	1172.244	1172.781	1173.400	1173.621	1178.788	1182.588	1180.636	1177.288	1174.633	1175.700	1176.121	1178.085	17
18	1172.263	1172.795	1173.438	1173.884	1178.133A	1182.473	1180.542	1177.207	1174.788	1175.775	1176.220	1178.104	18
19	1172.281	1172.810	1173.478	1173.778	1179.418	1182.387	1180.467	1177.131	1174.888	1175.870	1176.318	1178.180	19
20	1172.302	1172.823	1173.530	1173.820	1179.831	1182.294	1180.342	1177.053	1174.817	1175.978	1176.415	1178.178	20
21	1172.318	1172.838	1173.586	1174.075	1179.784	1182.185	1180.237	1176.988	1174.545	1176.067	1176.508	1178.207	21
22	1172.340	1172.850	1173.663	1174.231	1179.588	1182.071	1180.112	1176.912	1174.472	1176.182	1176.624	1178.234	22
23	1172.355	1172.868	1173.715	1174.388	1179.378	1181.942	1179.986	1176.838	1174.418	1176.287	1176.724	1178.252	23
24	1172.363	1172.877	1173.780	1174.486	1180.104	1181.868	1179.883	1176.788	1174.442	1176.403	1176.803	1178.267	24
25	1172.408	1172.892	1173.808	1174.612	1180.309	1181.788	1179.734	1176.872	1174.478	1176.497	1176.853	1178.288	25
26	1172.415	1172.914	1173.854	1174.718	1180.504	1181.747	1179.600	1176.588	1174.511	1176.602	1176.925	1178.308	26
27	1172.432	1172.938	1173.901	1174.809	1180.686	1181.680	1179.484	1176.514	1174.554	1176.718	1176.980	1178.331	27
28	1172.458	1172.980	1173.985	1174.878	1180.833	1181.615	1179.323	1176.440	1174.601	1176.813	1177.070	1178.385	28
29	1172.469	1172.980	1174.014	1174.938	1180.980	1181.580	1179.184	1176.388	1174.654	1176.904	1177.139	1178.381	29
30	1172.512		1174.071	1174.983	1181.141	1181.557	1179.084	1176.273	1174.707	1177.008	1177.211	1178.411	30
31	1172.536		1174.134		1181.313		1178.980	1176.180		1177.082		1178.428	31
MEAN	1172.248	1172.738	1173.448	1174.225	1177.898	1182.071	1180.514	1177.488	1175.081	1175.782	1176.208	1177.870	MEAN
MAX	1172.536	1172.980	1174.134	1174.983	1181.313	1182.828	1181.808	1178.883	1178.115	1177.082	1177.211	1178.428	MAX
MIN	1172.039	1172.833	1172.899	1173.821	1178.084	1181.480	1178.980	1176.180	1174.418	1174.780	1176.088	1177.288	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 1176.325
MAXIMUM DAILY, 1182.828 ON JUN 13
MINIMUM DAILY, 1172.039 ON JAN 1
MAXIMUM INSTANTANEOUS,
1182.848 AT 14:40 MST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 18 N
LONG 113 40 52 W

A - MANUAL GAUGE

REGULATED SINCE 1988

DRAINAGE AREA,
1 270 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERTON RIVER NEAR GLENWOOD - STATION NO. 05AD028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.880B	0.840B	1.02B	1.21	1.04	2.02	1.88	2.72	1.77	1.45	1.57	1.38 B	1
2	1.08 B	0.880B	1.76B	1.23	1.04	1.88	1.84	3.08	1.80	1.47	1.58	1.42 B	2
3	1.06 B	0.880B	1.78B	1.19	1.05	1.80	1.84	2.88	1.78	1.47	1.60	1.40 B	3
4	0.980B	0.880B	1.03B	1.17	1.07	1.82	1.88	2.87	1.80	1.48	1.61	1.38 B	4
5	0.880B	0.880B	1.08B	1.20	1.08	1.88	2.18	2.88	1.83	1.62	1.80	1.36 B	5
6	0.870B	0.900B	1.05B	1.23	1.20	2.00	1.85	2.00	1.73	1.61	1.53	1.28 B	6
7	0.880B	0.840B	1.04B	1.18	1.21	2.88	1.88	1.85	1.85	1.48	1.48	1.23 B	7
8	0.880B	0.820B	1.03B	1.20	1.22	2.44	2.03	1.85	1.84	1.48	1.47	1.22 B	8
9	1.01 B	1.03 B	1.78B	1.17	1.24	2.31	2.07	1.88	1.88	1.50	1.48B	1.23 B	9
10	1.02 B	1.17 B	1.78B	1.17	1.17	2.13	2.00	1.83	1.80	1.52	1.43B	1.25 B	10
11	1.02 B	1.43 B	1.88B	1.18	1.12	2.08	2.12	1.88	1.88	1.51	1.42B	1.27 B	11
12	1.02 B	1.40 B	1.80B	1.18	1.12	2.11	2.18	1.85	2.01	1.48	1.42B	1.28 B	12
13	1.01 B	1.35 B	1.28B	1.16	1.08	2.18	2.04	1.88	2.03	1.50	1.40B	1.27 B	13
14	1.08 B	1.24 B	1.18B	1.14	1.01	2.11	1.98	1.85	2.02	1.57	1.47B	1.22 B	14
15	1.15 B	1.43 B	1.18B	1.14	1.08	2.00	1.88	1.82	1.88	1.56	1.50B	0.880B	15
16	1.20 B	1.50 B	1.20B	1.13	1.05	1.87	1.87	2.13	1.81	1.58	1.52B	0.880B	16
17	1.18 B	1.53 B	1.28B	1.13	1.01	1.88	2.03	2.02	1.80	1.54	1.54B	0.880B	17
18	1.18 B	1.58 B	1.27	1.14	1.04	1.87	2.07	1.81	1.87	1.53	1.58B	0.840B	18
19	1.25 B	1.58 B	1.31	1.18	1.06	1.88	2.00	1.88	1.80	1.48	1.58B	0.780B	19
20	1.30 B	1.80 B	1.33	1.16	1.07	1.88	2.85	1.87	1.84	1.50	1.58B	0.703B	20
21	1.30 B	1.75 B	1.34	1.13	1.10	1.84	2.81	1.87	1.48	1.50	1.58B	0.700B	21
22	1.34 B	1.81 B	1.30	1.12	1.08	1.87	2.58	1.84	1.45	1.51	1.57B	0.688B	22
23	1.35 B	1.57 B	1.36	1.10	1.07	1.86	2.02	1.81	1.82	1.51	1.52B	0.690B	23
24	1.20 B	1.88 B	1.32	1.10	1.10	1.82	2.87	1.81	1.82	1.57	1.48B	0.680B	24
25	1.32 B	1.88 B	1.30	1.14	1.13	2.01	2.83	1.80	1.83	1.58	1.40B	0.680B	25
26	1.35 B	1.74 B	1.29	1.10	1.11	2.00	2.82	1.83	1.83	1.50B	1.20B	0.640B	26
27	1.40 B	1.88 B	1.35	1.08	1.08	1.87	2.80	1.83	1.81	1.47B	1.20B	0.620B	27
28	1.44 B	1.88 B	1.33	1.07	1.48	2.48	2.83	1.81	1.48	1.48B	1.19B	0.600B	28
29	1.18 B	1.84 B	1.31	1.04	1.71	2.31	2.88	1.77	1.40	1.48B	1.27B	0.580B	29
30	1.00 B		1.28	1.02	1.83	2.08	2.82	1.74	1.43	1.52B	1.34B	0.580B	30
31	0.880B		1.21		3.14		2.88	1.78		1.58		0.600B	31
TOTAL	35.22B	39.21O	48.88	34.32	37.88	62.86	68.87	63.07	50.05	48.83	44.22	30.22B	TOTAL
MEAN	1.14	1.38	1.47	1.14	1.22	2.10	2.22	2.03	1.67	1.61	1.47	0.975	MEAN
MAX	1.44	1.80	1.84	1.23	3.14	3.02	2.82	3.08	2.03	1.58	1.61	1.42	MAX
MIN	0.880	0.840	1.18	1.02	1.01	1.87	1.84	1.74	1.40	1.48	1.19	0.580	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.53
MAXIMUM DAILY, 3.14 ON MAY 31
MINIMUM DAILY, 0.580B ON DEC 29
MAXIMUM INSTANTANEOUS,
3.44 AT 19:45 MST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 35 N
LONG 113 28 10 W
DRAINAGE AREA, 1 630 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 940	JUL	5 880
FEB	3 300	AUG	5 450
MAR	3 640	SEP	4 320
APR	3 970	OCT	4 060
MAY	3 270	NOV	3 820
JUN	5 440	DEC	2 610

TOTAL DISCHARGE, 48 300 dam³

WATERTON RIVER NEAR WATERTON PARK - STATION NO. 05AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.28	1.82	1.84	4.82	21.1	80.7	21.1	6.14	3.11	4.87	7.84	8.88	1
2	2.31	1.79	1.81	4.38	21.1	48.8	20.0	6.83	3.00	4.88	7.81	8.27	2
3	2.18	1.80	1.71	4.88	20.4	43.1	18.8	6.80	2.88	4.83	7.83	8.88	3
4	2.10	1.74	1.82	4.83	20.1	43.1	17.4	6.31	2.88	5.00	7.31	8.88	4
5	2.08	1.72	1.88	8.32	20.3	47.8	17.8	5.88	2.88	8.08	7.88	8.87	5
6	2.07	1.90	1.81	8.70	20.7	83.3	17.8	5.88	3.08	8.11	8.28	8.14	6
7	2.03	1.78	1.88	7.13	21.8	88.3	16.8	5.87	3.00	8.14	8.33	4.88	7
8	2.01	1.86	2.07	7.88	22.8	83.7	14.8	5.78	2.88	8.02	8.70	8.08	8
9	2.00	1.83	2.04	8.03	24.3	81.0	14.1	5.88	2.82	4.81	9.21	4.88	9
10	1.88	1.88	1.83	9.87	27.8	84.8	13.8	6.12	2.44	4.80	9.44	4.88	10
11	1.81	1.86	1.88	8.60	32.1	80.4	13.3	4.88	2.88	4.83	9.88	4.82	11
12	1.81	1.80	2.03	8.38	40.4	48.1	13.1	4.87	2.88	4.73	8.84	4.83	12
13	1.82	1.83	2.13	10.1	53.3	41.8	12.4	4.81	2.88	4.83	8.87	4.88	13
14	2.06	1.90	2.13	10.7	62.0	38.3	11.8	4.84	2.87	4.88	8.72	4.87	14
15	2.13	1.88	2.38	12.3	58.7	36.2	10.8	4.87	2.88	4.77	8.81	4.84	15
16	2.14	1.81	2.48	14.4	54.3	34.8	10.4	4.82	2.82	8.24	8.58	3.17	16
17	2.08	1.84	2.68	17.8	58.8	34.8	9.87	4.88	2.88	8.48	8.14	3.88	17
18	2.08	1.88	2.83	21.1	58.4	35.8	9.81	4.70	2.80	7.87	8.08	4.18	18
19	2.07	1.72	2.88	24.1	54.8	35.0	9.28	4.44	2.81	8.72	8.71	3.80	19
20	1.87	1.71	3.28	25.8	48.4	33.8	8.88	4.24	2.88	8.84	7.84	3.38	20
21	2.00	1.82	2.70	26.8	45.0	32.2	8.72	4.28	3.17	8.18	8.08	3.37	21
22	2.08	1.80	2.84	26.5	42.8	31.4	8.24	4.08	2.83	8.72	7.41	3.83	22
23	1.81	1.48	2.88	26.8	44.5	30.2	7.88	3.85	3.05	8.78	7.25	3.80	23
24	1.85	1.80	3.35	26.8	50.7	28.0	7.80	3.88	2.77	8.08	7.23	3.81	24
25	1.92	1.78	3.18	26.7	54.3	27.1	7.30	3.80	3.12	8.23	8.81	3.40	25
26	1.80	1.88	3.35	33.2	52.3	28.3	7.08	3.85	3.37	8.28	8.18	3.48	26
27	1.78	1.84	4.02	31.8	52.7	25.0	6.98	3.78	3.88	8.35	8.18	3.40	27
28	1.88	1.48	3.88	30.7	52.4	24.2	6.71	3.88	4.73	7.83	8.05	3.88	28
29	1.72	1.88	3.88	30.8	52.3	24.2	6.84	3.88	4.78	7.88	8.52	3.84	29
30	1.83		3.83	31.1	53.8	22.7	6.38	3.80	4.81	8.10	8.30	3.20	30
31	1.87		4.81		54.4		6.12	3.28		7.78		3.03	31
TOTAL	61.20	48.28	81.78	454.18	1 284.2	1 180.2	288.73	147.22	92.49	201.21	245.88	132.88	TOTAL
MEAN	1.97	1.72	2.84	15.1	41.7	38.3	11.8	4.78	3.08	8.48	8.28	4.28	MEAN
MAX	2.31	1.90	4.81	26.8	62.0	83.7	21.1	6.83	4.81	9.18	9.84	8.88	MAX
MIN	1.87	1.48	1.84	4.38	20.1	22.7	6.12	3.28	2.44	4.87	8.38	3.03	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.7
MAXIMUM DAILY, 83.7 ON JUN 8
MINIMUM DAILY, 1.48 ON FEB 23
MAXIMUM INSTANTANEOUS,
88.0 AT 20:88 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 88 88 N
LONG 113 88 38 W
DRAINAGE AREA, 814 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 280	JUL	31 100
FEB	4 280	AUG	12 700
MAR	7 070	SEP	7 930
APR	38 200	OCT	17 400
MAY	112 000	NOV	21 300
JUN	102 000	DEC	11 500

TOTAL DISCHARGE, 372 000 dam³

WEILLER CREEK NEAR WETASKIWIN - STATION NO. 05FA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.0408	0.001	0.002	0.002	0.003	0.002	0.002	0.0028	---	1
2	---	---	0.0018	0.0758	0.001	0.002	0.002	0.003	0.001	0.002	0.0028	---	2
3	---	---	0.0018	0.1058	0.001	0.002	0.002	0.003	0.001	0.002	0.0028	---	3
4	---	---	0.0018	0.1408	0.001	0.002	0.002	0.003	0.001	0.002	---	---	4
5	---	---	0.0018	0.1708	0.001	0.044	0.002	0.003	0.001	0.002	---	---	5
6	---	---	0.0018	0.1308	0.001	0.058	0.581	0.003	0.001	0.002	---	---	6
7	---	---	0.0018	0.1008	0.001	0.006	0.318	0.003	0.002	0.002	---	---	7
8	---	---	0.0018	0.0758	0.001	0.006	0.095	0.003	0.001	0.002	---	---	8
9	---	---	0.0018	0.0528	0.001	0.401	0.043	0.003	0.001	0.002	---	---	9
10	---	---	0.0018	0.0528	0.001	0.047	0.010	0.003	0.002	0.002	---	---	10
11	---	---	0.0018	0.0428	0.001	0.005	0.004	0.003	0.002	0.003	---	---	11
12	---	---	0.0018	0.0298	0.001	0.003	0.584	0.003	0.003	0.003	---	---	12
13	---	---	0.0018	0.0238	0.001	0.003	0.885	0.002	0.003	0.003	---	---	13
14	---	---	0.0018	0.0118	0.001	0.007	0.184	0.002	0.002	0.003	---	---	14
15	---	---	0.0018	0.010	0.001	0.004	0.054	0.002	0.002	0.003	---	---	15
16	---	---	0.0018	0.008	0.001	0.003	0.021	0.003	0.002	0.003	---	---	16
17	---	---	0.0018	0.004	0.001	0.003	0.007	0.003	0.008	0.003	---	---	17
18	---	---	0.0028	0.003	0.001	0.002	0.004	0.002	0.005	0.003	---	---	18
19	---	---	0.0028	0.003	0.001	0.002	0.003	0.020	0.003	0.003	---	---	19
20	---	---	0.0038	0.003	0.001	0.002	0.003	0.005	0.003	0.003	---	---	20
21	---	---	0.0038	0.003	0.001	0.002	0.003	0.372	0.004	0.003	---	---	21
22	---	---	0.0048	0.002	0.001	0.002	0.003	0.084	0.003	0.003	---	---	22
23	---	---	0.0058	0.002	0.001	0.002	0.003	0.028	0.002	0.003	---	---	23
24	---	---	0.0068	0.002	0.001	0.002	0.003	0.008	0.002	0.254	---	---	24
25	---	---	0.0078	0.002	0.001	0.003	0.003	0.004	0.002	0.088	---	---	25
26	---	---	0.0068	0.002	0.001	0.002	0.003	0.003	0.003	0.003	---	---	26
27	---	---	0.0088	0.002	0.002	0.002	0.003	0.002	0.002	0.0028	---	---	27
28	---	---	0.0088	0.002	0.001	0.002	0.003	0.002	0.002	0.0028	---	---	28
29	---	0.0018	0.0088	0.002	0.002	0.002	0.003	0.002	0.002	0.0028	---	---	29
30	---		0.0118	0.002	0.002	0.002	0.003	0.002	0.002	0.0028	---	---	30
31	---		0.0168		0.002		0.003	0.002		0.0028		---	31
TOTAL	---	---	0.113	1.103	0.035	0.826	2.840	0.581	0.071	0.334	---	---	TOTAL
MEAN	---	---	0.004	0.037	0.001	0.021	0.092	0.019	0.002	0.011	---	---	MEAN
MAX	---	---	0.018	0.170	0.002	0.401	0.885	0.372	0.008	0.254	---	---	MAX
MIN	---	---	0.001	0.002	0.001	0.002	0.003	0.002	0.001	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 0.885 ON JUL 13
MINIMUM DAILY, 0.0018 ON MAR 1
MAXIMUM INSTANTANEOUS,
2.31 AT 14:31 MST ON OCT 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 26 N
LONG 113 18 45 W
DRAINAGE AREA, 235 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	245
FEB	---	AUG	90.2
MAR	9.76	SEP	6.13
APR	95.3	OCT	28.8
MAY	3.02	NOV	---
JUN	84.1	DEC	---

TOTAL DISCHARGE, 492 dam³

WELCH CREEK TRIBUTARY NEAR LEEDALE - STATION NO. 05CC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0888	0.2078	0.042	0.055	0.258	0.318	0.080	0.148	0.242	---	1
2	---	---	0.0748	0.2628	0.040	0.058	0.290	0.027	0.088	0.144	0.107	---	2
3	---	---	0.0728	0.2168	0.038	0.060	0.268	0.032	0.074	0.174	0.0888	---	3
4	---	---	0.0708	0.1678	0.038	0.101	0.258	0.024	0.082	0.177	---	---	4
5	---	---	0.0708	0.1138	0.037	0.118	0.342	0.018	0.084	0.151	---	---	5
6	---	---	0.0678	0.0938	0.037	0.140	0.433	0.018	0.100	0.085	---	---	6
7	---	---	0.0688	0.0838	0.038	0.178	0.508	0.018	0.087	0.083	---	---	7
8	---	---	0.0788	0.0688	0.038	0.177	0.428	0.022	0.097	0.078	---	---	8
9	---	---	0.0888	0.0518	0.035	0.246	0.362	0.020	0.108	0.071	---	---	9
10	---	---	0.0898	0.0478	0.035	0.231	0.308	0.027	0.118	0.087	---	---	10
11	---	---	0.0868	0.0528	0.035	0.200	0.261	0.025	0.128	0.084	---	---	11
12	---	---	0.0848	0.0438	0.034	0.187	0.280	0.022	0.138	0.081	---	---	12
13	---	---	0.0888	0.0388	0.036	0.183	0.325	0.021	0.140	0.059	---	---	13
14	---	---	0.0868	0.0388	0.038	0.174	0.268	0.018	0.138	0.087	---	---	14
15	---	---	0.0878	0.0488	0.038	0.171	0.218	0.028	0.139	0.088	---	---	15
16	---	---	0.0848	0.0528	0.037	0.170	0.188	0.048	0.158	0.084	---	---	16
17	---	---	0.0848	0.0618	0.038	0.188	0.180	0.082	0.200	0.083	---	---	17
18	---	---	0.0838	0.082	0.044	0.188	0.144	0.188	0.194	0.084	---	---	18
19	---	---	0.1178	0.078	0.048	0.178	0.188	0.161	0.178	0.085	---	---	19
20	---	---	0.2388	0.068	0.053	0.188	0.134	0.124	0.181	0.087	---	---	20
21	---	---	0.5818	0.101	0.055	0.170	0.084	0.108	0.188	0.080	---	---	21
22	---	---	0.5848	0.082	0.057	0.178	0.083	0.082	0.188	0.082	---	---	22
23	---	---	0.4368	0.090	0.058	0.180	0.050	0.081	0.178	0.087	---	---	23
24	---	---	0.3448	0.105	0.055	0.188	0.038	0.050	0.188	0.077	---	---	24
25	---	0.0888	0.2488	0.081	0.052	0.181	0.024	0.044	0.178	0.118	---	---	25
26	---	0.0808	0.2318	0.084	0.050	0.184	0.013	0.028	0.188	0.118	---	---	26
27	---	0.0888	0.1218	0.061	0.048	0.188	0.008	0.034	0.084	0.093	---	---	27
28	---	0.0718	0.0888	0.048	0.047	0.208	0.007	0.028	0.085	0.084	---	---	28
29	---	0.0808	0.1238	0.048	0.048	0.284	0.012	0.043	0.089	0.079	---	---	29
30	---		0.1308	0.044	0.047	0.263	0.013	0.048	0.136	0.083	---	---	30
31	---		0.1408		0.048		0.008	0.052		0.088		---	31
TOTAL	---	---	4.851	2.580	1.323	5.091	5.988	1.574	3.982	2.884	---	---	TOTAL
MEAN	---	---	0.156	0.085	0.043	0.170	0.193	0.051	0.132	0.087	---	---	MEAN
MAX	---	---	0.581	0.262	0.057	0.283	0.508	0.161	0.200	0.177	---	---	MAX
MIN	---	---	0.067	0.039	0.034	0.055	0.005	0.015	0.080	0.053	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.114
MAXIMUM DAILY, 0.5818 ON MAR 21
MINIMUM DAILY, 0.005 ON JUL 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 25 N
LONG 114 34 24 W
DRAINAGE AREA, 53.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	517
FEB	---	AUG	138
MAR	418	SEP	341
APR	331	OCT	332
MAY	118	NOV	---
JUN	440	DEC	---

TOTAL DISCHARGE, 2 439 dam³

WEST ARROWWOOD CREEK NEAR ARROWWOOD - STATION NO. 05BM014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	B	0.0088	0.148	0.017	0.001	0	0	0	0	0.007	---	1
2	---	0	B	0.0088	0.131	0.016	0.004	0.003	0	0	0	0.007	---	2
3	---	0	B	0.0088	0.110	0.015	0.003	0.003	0	0	0	0.007A	---	3
4	---	0	B	0.0048	0.083	0.015	0.001	0.002	0	0	0	---	---	4
5	---	0	B	0.0148	0.073	0.016	0	0.003	0	0	0	---	---	5
6	---	0	B	0.0218	0.088	0.021	0	0.003	0	0	0	---	---	6
7	---	0	B	0.0218	0.086	0.021	0.001	0.002	0	0	0	---	---	7
8	---	0	B	0.0208	0.085	0.020	0.010	0.001	0	0	0	---	---	8
9	---	0	B	0.0338	0.082	0.018	0.058	0	0	0	0	---	---	9
10	---	0	B	0.0358	0.085	0.014	0.033	0	0	0	0	---	---	10
11	---	0	B	0.0248	0.084	0.013	0.012	0	0	0	0	---	---	11
12	---	0	B	0.0218	0.081	0.012	0.010	0	0	0	0	---	---	12
13	---	0	B	0.0348	0.047	0.011	0.010	0	0	0	0	---	---	13
14	---	0	B	0.0438	0.048	0.010	0.009	0	0	0	0	---	---	14
15	---	0	B	0.0318	0.048	0.008	0.008	0	0	0	0	---	---	15
16	---	0	B	0.0288	0.044	0.008	0.006	0	0	0	0	---	---	16
17	---	0	B	0.0188	0.040	0.008	0.005	0	0	0	0	---	---	17
18	---	0	B	0.0138	0.038	0.008	0.083	0	0	0	0	---	---	18
19	---	0	B	0.0158	0.036	0.007	0	0	0	0	0	---	---	19
20	---	0	B	0.0688	0.035	0.007	0	0	0	0	0	---	---	20
21	---	0.0018		0.0148	0.033	0.007	0	0	0	0	0	---	---	21
22	---	0.0038		0.0178	0.030	0.006	0	0	0	0	0	---	---	22
23	---	0	B	0.0158	0.028	0.004	0	0	0	0	0	---	---	23
24	---	0	B	0.0178	0.026	0.003	0	0	0	0	0.002	---	---	24
25	---	0	B	0.0188	0.025	0.003	0	0	0	0	0.003	---	---	25
26	0B	0	B	0.0148	0.025	0.002	0	0	0	0	0.003	---	---	26
27	0B	0.0022		0.0358	0.023	0.001	0	0	0	0	0.003	---	---	27
28	0B	0.0088		0.0808	0.022	0	0	0	0	0	0.004	---	---	28
29	0B	0.0088		0.1178	0.020	0	0	0	0	0	0.005	---	---	29
30	0B			0.1538	0.018	0	0	0	0	0	0.005	---	---	30
31	0B			0.158		0		0	0		0.005		---	31
TOTAL	---	0.021		1.080	1.518	0.283	0.174	0.017	0	0	0.030	---	---	TOTAL
MEAN	---	0.001		0.034	0.051	0.009	0.006	0.001	0	0	0.001	---	---	MEAN
MAX	---	0.008		0.158	0.148	0.021	0.058	0.003	0	0	0.008	---	---	MAX
MIN	---	0		0.004	0.018	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.158 ON MAR 31
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.320 AT 10:57 MST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 50 N
LONG 113 14 00 W
DRAINAGE AREA, 775 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.47
FEB	1.81	AUG	0
MAR	91.5	SEP	0
APR	131	OCT	2.59
MAY	25.3	NOV	---
JUN	15.0	DEC	---

TOTAL DISCHARGE, 269 dam³

WEST ARROWWOOD CREEK NEAR ENSIGN - STATION NO. 05BM018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	B	0.0038	0.002	0	0	B	0	0	0	0	---	1
2	---	0	B	0.0038	0.002	0	0	0	0	0	0	0	---	2
3	---	0	B	0.0028	0.002	0	0	0	0	0	0	0	---	3
4	---	0	B	0.0018	0.001	0	0	0	0	0	0	---	---	4
5	---	0	B	0.0018	0.001	0.001	0	0	0	0	0	---	---	5
6	---	0	B	0.0028	0.001	0.001	0	0	0	0	0	---	---	6
7	---	0	B	0.0028	0.001	0.001	0.001	0	0	0	0	---	---	7
8	---	0	B	0.0028	0.001	0.001	0.008	0	0	0	0	---	---	8
9	---	0	B	0.0028	0.001	0.001	0.013	0	0	0	0	---	---	9
10	---	0	B	0.0028	0.001	0.001	0.008	0	0	0	0	---	---	10
11	---	0	B	0.0028	0.001	0.001	0.005	0	0	0	0	---	---	11
12	---	0	B	0.0028	0.001	0.001	0.004	0	0	0	0	---	---	12
13	---	0	B	0.0028	0.001	0.001	0.004	0	0	0	0	---	---	13
14	---	0	B	0.0028	0.001	0	0.003	0	0	0	0	---	---	14
15	---	0	B	0.0028	0.001	0	0.003	0	0	0	0	---	---	15
16	---	0	B	0.0028	0.001	0	0.003	0	0	0	0	---	---	16
17	---	0	B	0.0028	0.001	0	0.002	0	0	0	0	---	---	17
18	---	0	B	0.0028	0.001	0	0.002	0	0	0	0	---	---	18
19	---	0	B	0.0088	0.001	0	0.001	0	0	0	0	---	---	19
20	---	0	B	0.0088	0.001	0	0.001	0	0	0	0	---	---	20
21	---	0.0058		0.0058	0.001	0	0.001	0	0	0	0	---	---	21
22	---	0.0048		0.0088	0	0	0	0	0	0	0	---	---	22
23	---	0.0028		0.0048	0	0	0	0	0	0	0	---	---	23
24	---	0	B	0.0038	0	0	0	0	0	0	0	---	---	24
25	---	0	B	0.0038	0	0	0	0	0	0	0	---	---	25
26	0B	0	B	0.0028	0	0	0	0	0	0	0	---	---	26
27	0B	0.0058		0.0028	0	0	0	0	0	0	0	---	---	27
28	0B	0.0048		0.0028	0	0	0	0	0	0	0	---	---	28
29	0B	0.0048		0.0018	0	0	0	0	0	0	0	---	---	29
30	0B			0.0018	0	0	0	0	0	0	0	---	---	30
31	0B			0.0018		0		0	0		0		---	31
TOTAL	---	0.024		0.063	0.024	0.008	0.055	0	0	0	0	---	---	TOTAL
MEAN	---	0.001		0.003	0.001	0	0.002	0	0	0	0	---	---	MEAN
MAX	---	0.006		0.008	0.002	0.001	0.013	0	0	0	0	---	---	MAX
MIN	---	0		0.001	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS FEB TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.013 ON JUN 5
MINIMUM DAILY, 0B ON FEB 1
MAXIMUM INSTANTANEOUS,
0.022 AT 08:05 MST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 50 N
LONG 113 20 35 W
DRAINAGE AREA, 28.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	2.07	AUG	0
MAR	7.17	SEP	0
APR	2.07	OCT	0
MAY	0.78	NOV	---
JUN	4.75	DEC	---

TOTAL DISCHARGE, 16.8 dam³

WEST PRAIRIE RIVER NEAR HIGH PRAIRIE - STATION NO. 07BF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0078	0 B	0.0058	0.0848	4.21	1.78	8.71	0.488	0.212	0.388	0.3808	0.2088	1
2	0.0068	0 B	0.0068	1.34 B	4.80	1.72	9.80	0.463	0.178	0.327	0.2748	0.2028	2
3	0.0068	0 B	0.0078	1.48 B	4.39	1.88	8.28	0.418	0.162	0.328	0.2888	0.1888	3
4	0.0048	0 B	0.0088	1.81 B	4.15	1.82	8.78	0.703	0.185	0.315	0.2788	0.1818	4
5	0.0048	0 B	0.0108	1.70 B	3.79	1.81	9.38	0.480	0.148	0.278	0.2708	0.1808	5
6	0.0038	0 B	0.0148	1.28 B	3.85	1.84	8.84	0.345	0.138	0.274	0.2488	0.1548	6
7	0.0038	0 B	0.0188	1.01 B	3.37	1.84	79.1 A	0.281	0.180	0.278	0.2388	0.1388	7
8	0.0028	0 B	0.0228	1.32 B	3.36	1.47	127 A	0.303	0.187	0.224	0.2308	0.1248	8
9	0.0028	0 B	0.0258	2.08 B	3.31	2.61	74.0 A	0.270	0.180	0.184	0.2308	0.1188	9
10	0.0028	0 B	0.0288	2.29 B	3.10	36.5	42.6 A	0.397	0.141	0.178	0.2238	0.1088	10
11	0.0028	0.0018	0.0328	2.86 B	2.80	45.3 A	33.9 A	0.672	0.131	0.168	0.2238	0.0958	11
12	0.0028	0.0018	0.0408	3.80	2.88	41.2 A	32.2 A	0.601	0.135	0.217	0.2308	0.0808	12
13	0.0028	0.0018	0.0508	3.84	2.87	38.7 A	84.8 A	0.400	0.113	0.220	0.2388	0.0788	13
14	0.0028	0.0018	0.0708	4.87	3.08	24.7 A	78.1 A	0.438	0.120	0.224	0.2308	0.0708	14
15	0.0028	0.0018	0.1108	4.87 A	4.42	15.4 A	37.8 A	0.578	0.186	0.218	0.2238	0.0708	15
16	0.0028	0.0028	0.1708	5.40 E	13.8	12.4 A	20.0	0.541	0.143	0.222	0.2188	0.0858	16
17	0.0028	0.0028	0.1808	8.10 E	12.3	10.0 A	13.7	0.584	0.142	0.225	0.2088	0.0808	17
18	0.0028	0.0028	0.1388	8.20 E	8.41	8.78A	10.6	0.680	0.182	0.227	0.2088	0.0558	18
19	0.0028	0.0028	0.1308	7.80 E	7.41A	8.12A	8.73	0.712	0.207	0.245	0.2028	0.0458	19
20	0.0028	0.0028	0.1258	7.80 E	8.04A	7.88A	7.38	0.888	0.231	0.251	0.2028	0.0408	20
21	0.0038	0.0028	0.2008	8.22 E	5.08	8.80	8.14	0.880	0.277	0.281	0.2028	0.0388	21
22	0.0038	0.0028	0.4008	8.72 A	4.81	5.88	8.04	0.818	0.278	0.2238	0.2028	0.0358	22
23	0.0038	0.0028	0.5548	7.87 E	4.11	5.38	4.03	0.825	0.248	0.302	0.1888	0.0338	23
24	0.0048	0.0028	0.6858	7.02 E	3.88	4.83	3.38	0.808	0.248	0.302	0.1818	0.0308	24
25	0.0038	0.0028	0.7768	8.18 A	3.32	4.08	2.80 A	0.717	0.241	0.294	0.1748	0.0288	25
26	0.0028	0.0028	0.8578	5.81	3.17	3.80	2.33 A	0.598	0.261	0.2548	0.1818	0.0258	26
27	0.0028	0.0038	0.8588	4.83	2.83	3.31	1.81 A	0.485	0.334	0.2238	0.1958	0.0228	27
28	0.0018	0.0038	1.15 B	4.38	2.58	3.18	1.48 A	0.384	0.364	0.2708	0.2028	0.0248	28
29	0 B	0.0048	0.8848	4.24	2.34	3.48	1.20	0.313	0.382	0.2848	0.2088	0.0288	29
30	0 B		0.8808	4.00	2.20	4.84	0.774	0.288	0.430	0.4008	0.2188	0.0258	30
31	0 B		0.7908		1.86		0.595	0.274		0.4888		0.0288	31
TOTAL	0.078	0.027	8.481	133.934	138.19	310.47	742.889	17.180	8.228	8.324	8.781	2.863	TOTAL
MEAN	0.003	0.001	0.305	4.48	4.48	10.3	24.0	0.554	0.208	0.269	0.226	0.062	MEAN
MAX	0.007	0.004	1.15	8.72	13.8	45.3	127	0.925	0.430	0.488	0.380	0.208	MAX
MIN	0	0	0.005	0.884	1.86	1.47	0.595	0.270	0.113	0.178	0.174	0.022	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.78
MAXIMUM DAILY, 127A ON JUL 8
MINIMUM DAILY, 0B ON JAN 28
MAXIMUM INSTANTANEOUS,
148 AT 01:00 MST ON JUL 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 25 50 N
LONG 118 28 30 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8.83	JUL 84 200	
FEB	3.30	AUG 1 480	
MAR	817	SEP 538	
APR 11 900		OCT 718	
MAY 11 900		NOV 587	
JUN 28 800		DEC 221	

TOTAL DISCHARGE, 118 000 dam³

WESTERN IRRIGATION DISTRICT CANAL NEAR CHESTERMERE LAKE - STATION NO. 05BM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0818	8.81	26.8	17.1	22.0	7.80	1.11	0.080	---	1
2	---	---	---	0.1068	8.83	26.8	18.5	10.1	7.81	0.432	0.083	---	2
3	---	---	---	0.1108	9.88	26.7	15.2	12.5	7.84	0.228	0.078	---	3
4	---	---	---	0.1068	10.4	27.6	15.7	15.1	8.12	0.101	0.081	---	4
5	---	---	---	0.1028	10.1	26.8	16.2	18.5	8.30	0.085	0.0498	---	5
6	---	---	---	0.1008	10.1	27.2	14.5	16.6	8.57	0.138	0.0478	---	6
7	---	---	---	0.0898	10.0	27.7	16.1	14.6	8.41	0.091	0.0448	---	7
8	---	---	---	0.0858	8.83	27.3	16.2	14.2	8.84	0.087	0.0418	---	8
9	---	---	---	0.0898	8.81	17.7	15.8	15.0	8.85	0.083	0.0378	---	9
10	---	---	---	0.0878	11.1	24.6	15.1	14.4	8.43	0.083	0.0338	---	10
11	---	---	---	0.083	13.8	23.0	14.7	16.3	8.83	0.083	0.0308	---	11
12	---	---	---	0.077	17.8	14.8	15.7	7.87	8.33	0.080	0.0278	---	12
13	---	---	---	0.075	20.8	14.9	16.3	8.54	8.31	0.088	0.0238	---	13
14	---	---	---	0.071	20.8	17.8	17.3	10.2	8.84	0.089	0.0208	---	14
15	---	---	---	0.089	20.4	18.2	16.3	10.9	9.40	0.081	0.0178	---	15
16	---	---	---	0.088	21.3	19.8	16.8	11.0	8.84	0.081	0.0148	---	16
17	---	---	---	0.088	25.1	20.1	16.1	12.8	8.88	0.082	0.0118	---	17
18	---	---	---	0.086	23.8	21.3	16.8	10.4	9.10	0.080	0.0098	---	18
19	---	---	---	0.087	23.7	21.2	16.7	10.7	8.88	0.080	0.0088	---	19
20	---	---	---	0.084	26.5	22.9	16.8	13.4	9.10	0.080	0.0088	---	20
21	---	---	---	0.084	26.1	23.3	16.7	9.73	8.83	0.080	0.0068	---	21
22	---	---	---	0.081	24.6	23.0	16.3	9.10	8.80	0.088	0.0048	---	22
23	---	---	---	0.087	24.8	22.3	16.3	8.81	9.26	0.088	0.0038	---	23
24	---	---	---	0.087	24.7	22.9	17.8	9.88	10.1	0.082	0.0018	---	24
25	---	---	---	0.087	26.4	21.9	17.7	8.71	9.79	0.084	0 B	---	25
26	---	---	---	0.087	26.7	21.7	17.4	7.85	9.19	0.0838	0 B	---	26
27	---	---	---	2.88	27.0	22.2	18.8	7.83	8.12	0.0838	0.0018	---	27
28	---	---	0.0888	7.14	26.8	21.8	17.1	7.83	8.84	0.114	0.0478	---	28
29	---	---	0.0808	8.80	27.1	21.0	17.2	7.84	8.21	0.111	0.1108	---	29
30	---		0.0878	8.83	26.8	22.7	16.8	7.75	8.71	0.102	0.1108	---	30
31	---		0.0748		26.7		16.6	7.74		0.097		---	31
TOTAL	---	---	---	30.088	589.97	676.9	526.1	359.28	252.20	3.874	1.010	---	TOTAL
MEAN	---	---	---	1.00	19.4	22.6	17.0	11.6	8.41	0.125	0.034	---	MEAN
MAX	---	---	---	8.83	27.1	27.7	18.8	22.0	10.1	1.11	0.110	---	MAX
MIN	---	---	---	0.084	8.83	14.8	14.8	7.87	3.71	0.088	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.0
MAXIMUM DAILY, 27.7 ON JUN 7
MINIMUM DAILY, 0B ON NOV 25

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 01 00 N
LONG 113 58 30 W

B - ICE CONDITIONS

REGULATED SINCE 1908

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 45 800	
FEB	---	AUG 31 000	
MAR	---	SEP 21 600	
APR 2 886		OCT 335	
MAY 51 800		NOV 97.2	
JUN 50 400		DEC ---	

TOTAL DISCHARGE, 212 000 dam³

WHIRLPOOL RIVER NEAR THE MOUTH - STATION NO. 07AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	6.00E	21.1	36.5	30.8	28.8	11.7	---	---	1
2	---	---	---	---	5.50A	19.3	31.3	27.3	29.5	10.5	---	---	2
3	---	---	---	---	5.00	18.5	28.8	28.8	32.8	9.98	---	---	3
4	---	---	---	---	4.85	20.8	33.1	24.5	35.8	10.3	---	---	4
5	---	---	---	---	4.68	21.5	33.5	47.7	36.8	11.1	---	---	5
6	---	---	---	---	4.84	28.1	42.2	85.8	38.7	11.8	---	---	6
7	---	---	---	---	4.85	61.2	35.2	50.8	38.8	11.4	---	---	7
8	---	---	---	---	5.41	76.8	33.4	41.0	24.8	11.4	---	---	8
9	---	---	---	---	7.19	58.8	28.8	44.8	20.0	10.2	---	---	9
10	---	---	---	---	10.1	48.2	38.8	44.2	17.4	10.8	---	---	10
11	---	---	---	---	13.8	41.2	48.1	35.4	15.2	11.4	---	---	11
12	---	---	---	---	18.8	33.8	58.2	33.7	14.8	12.4	---	---	12
13	---	---	---	---	33.0	28.8	44.8	34.7	18.8	12.8	---	---	13
14	---	---	---	---	33.8	31.7	37.2	38.4	18.4	18.8	---	---	14
15	---	---	---	---	23.8	40.2	32.8	31.8	21.5	13.8	---	---	15
16	---	---	---	---	19.0	52.1	28.8	38.7	18.7	10.8	---	---	16
17	---	---	---	---	25.3	62.8	28.1	44.1	13.7	8.47	---	---	17
18	---	---	---	---	20.8	62.7	23.8	47.0	12.1	8.48	---	---	18
19	---	---	---	---	16.2	54.8	25.4	40.7	11.3	8.02	---	---	19
20	---	---	---	---	14.4	47.2	31.8	35.0	10.4	7.48	---	---	20
21	---	---	---	---	13.3	40.2	38.8	31.1	9.83	7.20	---	---	21
22	---	---	---	---	15.4	50.8	43.0	29.1	9.21	8.88	---	---	22
23	---	---	---	---	26.3	60.7	34.2	32.8	9.05	7.52	---	---	23
24	---	---	---	---	30.5	58.0	31.8	37.8	8.88	7.03	---	---	24
25	---	---	---	---	25.8	47.8	38.8	38.4	8.30	8.81	---	---	25
26	---	---	---	---	23.8	52.7	42.1	37.4	8.03	8.88	---	---	26
27	---	---	---	---	23.8	58.0	45.8	36.1	7.77	8.52B	---	---	27
28	---	---	---	---	24.8	58.7	40.8	36.8	7.82	8.02B	---	---	28
29	---	---	---	---	27.8	48.4	35.8	38.4	7.28	4.88B	---	---	29
30	---		---	---	23.2	43.0	38.2	35.3	12.2	5.87	---	---	30
31	---		---		23.3		35.0	28.1		5.18A		---	31
TOTAL	---	---	---	---	536.72	1 355.8	1 138.1	1 188.3	545.18	288.80	---	---	TOTAL
MEAN	---	---	---	---	17.3	45.2	36.7	37.7	18.2	9.35	---	---	MEAN
MAX	---	---	---	---	33.8	76.8	58.2	85.8	38.8	18.8	---	---	MAX
MIN	---	---	---	---	4.84	18.8	23.8	28.1	7.28	4.88	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.6
MAXIMUM DAILY, 76.8 ON JUN 6
MINIMUM DAILY, 4.84 ON MAY 6
MAXIMUM INSTANTANEOUS,
83.0 AT 10:03 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 43 28 N
LONG 117 56 28 W
DRAINAGE AREA, 896 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	88 400
FEB	---	AUG	101 000
MAR	---	SEP	47 100
APR	---	OCT	25 000
MAY	48 400	NOV	---
JUN	117 000	DEC	---

TOTAL DISCHARGE, 438 000 dam³

WHISKEYJACK CREEK NEAR HINTON - STATION NO. 07AD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.001E	0.004	0.010	0.003	0.002	0.004	0.005E	---	1
2	---	---	---	---	0.001E	0.005	0.009	0.003	0.002	0.004	0.005A	---	2
3	---	---	---	---	0.001E	0.005	0.009	0.003	0.002	0.003	---	---	3
4	---	---	---	---	0.001E	0.004	0.010	0.002	0.002	0.003	---	---	4
5	---	---	---	---	0.001A	0.005	0.014	0.004	0.003	0.003	---	---	5
6	---	---	---	---	0.001E	0.018	0.018	0.005	0.002	0.003	---	---	6
7	---	---	---	---	0.001	0.018	0.013	0.007	0.002	0.003	---	---	7
8	---	---	---	---	0.003	0.048	0.011	0.005	0.002	0.003	---	---	8
9	---	---	---	---	0.003	0.057A	0.008	0.005	0.002	0.003	---	---	9
10	---	---	---	---	0.004	0.052E	0.006	0.004	0.002	0.002	---	---	10
11	---	---	---	---	0.003	0.058E	0.008	0.004	0.002	0.002	---	---	11
12	---	---	---	---	0.004	0.053E	0.013	0.003	0.002	0.002	---	---	12
13	---	---	---	---	0.004	0.048E	0.010	0.003	0.002	0.002	---	---	13
14	---	---	---	---	0.005	0.044E	0.008	0.003	0.002	0.002	---	---	14
15	---	---	---	---	0.004	0.039E	0.008	0.003	0.002	0.002	---	---	15
16	---	---	---	---	0.004	0.035E	0.007	0.004	0.008	0.002	---	---	16
17	---	---	---	---	0.004	0.030E	0.008	0.008	0.004	0.002	---	---	17
18	---	---	---	---	0.004	0.025E	0.008	0.010	0.003	0.002	---	---	18
19	---	---	---	---	0.004	0.021E	0.008	0.008	0.003	0.002	---	---	19
20	---	---	---	---	0.004	0.018A	0.005	0.008	0.003	0.002	---	---	20
21	---	---	---	---	0.004	0.014	0.004	0.008	0.003	0.002	---	---	21
22	---	---	---	---	0.003	0.013	0.004	0.005	0.003	0.002	---	---	22
23	---	---	---	---	0.003	0.012	0.004	0.004	0.003	0.002	---	---	23
24	---	---	---	---	0.003	0.011	0.003	0.004	0.003	0.002	---	---	24
25	---	---	---	---	0.003	0.010	0.003	0.004	0.003	0.002	---	---	25
26	---	---	---	---	0.003	0.008	0.003	0.003	0.003	0.002	---	---	26
27	---	---	---	---	0.004	0.008	0.003	0.003	0.004	0.002	---	---	27
28	---	---	---	---	0.003	0.010	0.003	0.003	0.005	0.003	---	---	28
29	---	---	---	---	0.003	0.013	0.003	0.003	0.005	0.003A	---	---	29
30	---		---	---	0.003	0.013	0.003	0.003	0.004	0.003E	---	---	30
31	---		---		0.004		0.002	0.002		0.004E		---	31
TOTAL	---	---	---	---	0.093	0.716	0.228	0.135	0.087	0.078	---	---	TOTAL
MEAN	---	---	---	---	0.003	0.024	0.007	0.004	0.003	0.003	---	---	MEAN
MAX	---	---	---	---	0.005	0.057	0.010	0.010	0.008	0.004	---	---	MAX
MIN	---	---	---	---	0.001	0.004	0.002	0.002	0.002	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.057A ON JUN 9
MINIMUM DAILY, 0.001E ON MAY 1
MAXIMUM INSTANTANEOUS,
0.065 AT 07:40 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 50 N
LONG 117 33 15 W
DRAINAGE AREA, 3.13 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10.4
FEB	---	AUG	11.7
MAR	---	SEP	7.82
APR	---	OCT	6.74
MAY	8.04	NOV	---
JUN	82.0	DEC	---

TOTAL DISCHARGE, 116 dam³

WHITE EARTH CREEK NEAR SMOKY LAKE - STATION NO. 05EC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0428	0.2078	0.840	0.170	0.461	0.050	0.084	0.020	0.182	---	1
2	---	---	0.0428	0.2858	0.640	0.184	0.343	0.040	0.072	0.020	0.206	---	2
3	---	---	0.0428	0.3308	0.620	0.184	0.318	0.030	0.071	0.026	0.238A	---	3
4	---	---	0.0458	0.4188	0.583	0.271	0.276	0.020	0.101	0.040	---	---	4
5	---	---	0.0478	0.5288	0.611	0.258	0.258	0.020	0.084	0.047	---	---	5
6	---	---	0.0558	0.6508	0.701	0.288	0.368	0.020	0.114	0.038	---	---	6
7	---	---	0.1108	0.7308	0.628	0.388	0.418	0.020	0.148	0.038	---	---	7
8	---	---	0.1608	0.8308	0.484	0.388	0.408	0.020	0.188	0.060	---	---	8
9	---	---	0.1808	0.9008	0.388	0.578	0.337	0.025	0.150	0.062	---	---	9
10	---	---	0.1858	0.9608	0.342	0.521	0.529	0.035	0.091	0.060	---	---	10
11	---	---	0.1908	0.9808	0.323	0.448	0.423	0.050	0.040	0.072	---	---	11
12	---	---	0.2008	1.01 B	0.243	0.478	0.260	0.135	0.025	0.085	---	---	12
13	---	---	0.2008	1.06 B	0.198	0.440	0.201	0.434	0.020	0.088	---	---	13
14	---	---	0.2078	1.06	0.294	0.380	0.255	0.108	0.020	0.102	---	---	14
15	---	---	0.1978	1.05	0.336	0.341	0.251	0.030	0.030	0.112	---	---	15
16	---	---	0.1778	1.03	0.306	0.388	0.223	0.030	0.193	0.103	---	---	16
17	---	---	0.1848	0.880	0.237	0.360	0.236	0.030	0.155	0.130	---	---	17
18	---	---	0.2038	0.830	0.172	0.140	0.211	0.030	0.130	0.137	---	---	18
19	---	---	0.2208	0.880	0.043	0.130	0.448	0.080	0.115	0.121	---	---	19
20	---	---	0.1838	0.820	0.082	0.140	0.344	0.140	0.082	0.137	---	---	20
21	---	---	0.1448	0.740	0.088	0.140	0.230	0.181	0.033	0.134	---	---	21
22	---	---	0.1498	0.580	0.078	0.163	0.135	0.183	0.033	0.141	---	---	22
23	---	---	0.1488	0.580	0.110	0.203	0.151	0.209	0.020	0.177	---	---	23
24	---	---	0.1538	0.580	0.112	0.233	0.133	0.117	0.015	0.184	---	---	24
25	---	---	0.1598	0.580	0.102	0.253	0.128	0.080	0.010	0.178	---	---	25
26	---	---	0.1708	0.580	0.117	0.288	0.098	0.040	0.010	0.153	---	---	26
27	---	---	0.1828	0.570	0.090	0.278	0.103	0.030	0.012	0.142	---	---	27
28	---	---	0.1748	0.580	0.078	0.274	0.088	0.030	0.014	0.142	---	---	28
29	---	---	0.1688	0.810	0.078	0.328	0.090	0.025	0.017	0.189	---	---	29
30	---		0.1688	0.830	0.108	0.427	0.070	0.025	0.020	0.180	---	---	30
31	---		0.1728		0.133		0.080	0.057		0.188		---	31
TOTAL	---	---	4.649	21.567	8.682	8.956	7.884	2.282	2.087	3.398	---	---	TOTAL
MEAN	---	---	0.150	0.719	0.287	0.299	0.254	0.074	0.068	0.107	---	---	MEAN
MAX	---	---	0.220	1.06	0.701	0.578	0.529	0.434	0.193	0.189	---	---	MAX
MIN	---	---	0.042	0.207	0.043	0.130	0.060	0.020	0.010	0.020	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.243
MAXIMUM DAILY, 1.060 ON APR 13
MINIMUM DAILY, 0.010 ON SEP 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 06 56 N
LONG 112 18 00 W
DRAINAGE AREA, 1 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	881
FEB	---	AUG	187
MAR	402	SEP	178
APR	1 680	OCT	286
MAY	767	NOV	---
JUN	774	DEC	---

TOTAL DISCHARGE, 5 150 dam³

WHITEMUD CREEK (WEST BRANCH) NEAR IRETON - STATION NO. 05DF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	0	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0.005	0	0	0	---	---	6
7	---	---	0	0	0	0	0.288	0	0	0	---	---	7
8	---	---	0	0	0	0	0.337	0	0	0	---	---	8
9	---	---	0	0	0	0	0.181	0	0	0	---	---	9
10	---	---	0	0	0	0	0.121	0	0	0	---	---	10
11	---	---	0	0	0	0	0.074	0	0	0	---	---	11
12	---	---	0	0	0	0	0.058	0	0	0	---	---	12
13	---	---	0	0	0	0	0.055	0	0	0	---	---	13
14	---	---	0	0	0	0	0.054	0	0	0	---	---	14
15	---	---	0	0	0	0	0.058	0	0	0	---	---	15
16	---	---	0	0	0	0	0.043	0	0	0	---	---	16
17	---	---	0	0	0	0	0.028	0	0	0	---	---	17
18	---	---	0	0	0	0	0.018	0	0	0	---	---	18
19	---	---	0	0	0	0	0.006	0	0	0	---	---	19
20	---	---	0	0	0	0	0.003	0	0	0	---	---	20
21	---	---	0	0	0	0	0.001	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0.041	0	0	---	---	25
26	---	---	0	0	0	0	0	0.022	0	0	---	---	26
27	---	---	0	0	0	0	0	0.008	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	1.333	0.071	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0.043	0.002	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0.337	0.041	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.337 ON JUL 8
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.490 AT 17:30 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 20 N
LONG 113 41 23 W
DRAINAGE AREA, 83.7 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	115
FEB	---	AUG	6.13
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 121 dam³

WHITEMUD CREEK NEAR ELLERSLIE - STATION NO. 06DF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0088	0.003	0.001	0.107	0.008	0.001	0.013	0.0028	---	1
2	---	---	0 B	0.0088	0.002	0.001	0.088	0.001	0.003	0.002	---	---	2
3	---	---	0 B	0.0088	0.002	0.001	0.074	0.004	0.004	0.001	---	---	3
4	---	---	0 B	0.0088	0.002	0.001	0.048	0.008	0.008	0.011	---	---	4
5	---	---	0 B	0.0088	0.002	0.001	0.087	0.001	0.001	0.030	---	---	5
6	---	---	0 B	0.0088	0.002	0.001	1.13	0.002	0.004	0.021	---	---	6
7	---	---	0 B	0.0088	0.002	0.001	3.63	0.002	0.001	0.018	---	---	7
8	---	---	0 B	0.0088	0.002	0.002	3.88	0.001	0.001	0.018	---	---	8
9	---	---	0 B	0.0088	0.002	0.003	3.61	0.007	0.001	0.018	---	---	9
10	---	---	0 B	0.0088	0.002	0.004	2.88	0.008	0.003	0.018	---	---	10
11	---	---	0 B	0.0088	0.001	0.048	2.04	0.053	0.001	0.030	---	---	11
12	---	---	0.0018	0.0088	0.001	0.027	1.70	0.007	0.001	0.021	---	---	12
13	---	---	0.0018	0.0088	0.001	0.017	1.58	0.008	0.033	0.022	---	---	13
14	---	---	0.0018	0.0088	0.001	0.013	1.88	0.108	0.028	0.024	---	---	14
15	---	---	0.0028	0.0088	0.001	0.010	1.57	0.007	0.038	0.024	---	---	15
16	---	---	0.0028	0.0088	0.001	0.012	1.30	0.004	0.038	0.025	---	---	16
17	---	---	0.0048	0.007	0.001	0.014	0.886	0.078	0.034	0.026	---	---	17
18	---	---	0.0068	0.007	0.001	0.026	0.541	0.068	0.024	0.027	---	---	18
19	---	---	0.0108	0.006	0.001	0.029	0.388	0.108	0.088	0.026	---	---	19
20	---	---	0.0128	0.006	0.001	0.028	0.248	0.112	0.088	0.028	---	---	20
21	---	---	0.0138	0.006	0.001	0.028	0.204	0.123	0.083	0.028	---	---	21
22	---	---	0.0148	0.006	0.001	0.028	0.139	0.188	0.086	0.030	---	---	22
23	---	---	0.0148	0.006	0.001	0.034	0.114	0.158	0.088	0.030	---	---	23
24	---	---	0.0148	0.004	0.001	0.048	0.074	0.108	0.100	0.032	---	---	24
25	---	---	0.0148	0.004	0.001	0.048	0.088	0.081	0.070	0.032	---	---	25
26	---	---	0.0138	0.004	0.001	0.078	0.030	0.087	0.030A	0.031	---	---	26
27	---	---	0.0128	0.004	0.001	0.091	0.028	0.088	0.020E	0.0248	---	---	27
28	---	---	0.0108	0.003	0.001	0.072	0.026	0.082	0.018E	0.0268	---	---	28
29	---	---	0.0088	0.003	0.001	0.088	0.020	0.048	0.010A	0.0278	---	---	29
30	---	---	0.0088	0.003	0.001	0.182	0.044	0.033	0.014	0.0278	---	---	30
31	---	---	0.0088		0.001		0.087	0.018		0.0138	---	---	31
TOTAL	---	---	0.171	0.107	0.042	0.815	26.086	2.480	0.736	0.886	---	---	TOTAL
MEAN	---	---	0.006	0.007	0.001	0.031	0.806	0.078	0.025	0.022	---	---	MEAN
MAX	---	---	0.014	0.008	0.002	0.182	3.88	0.188	0.100	0.032	---	---	MAX
MIN	---	---	0	0.003	0.001	0.001	0.020	0.018	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.138
MAXIMUM DAILY, 3.88 ON JUL 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.18 AT 18:04 MST ON JUL 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 44 N
LONG 113 35 30 W
DRAINAGE AREA, 338 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 430
FEB	---	AUG	212
MAR	14.8	SEP	63.8
APR	17.8	OCT	89.4
MAY	3.63	NOV	---
JUN	78.1	DEC	---

TOTAL DISCHARGE, 2 880 dam³

WHITEMUD RIVER NEAR DIXONVILLE - STATION NO. 07HA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1308	0.4608	7.04	21.4	11.8	3.32	2.22	0.888	0.8888	---	1
2	---	---	0.0888	0.5088	7.84	30.1	32.7	3.07	2.08	0.883	0.8588	---	2
3	---	---	0.0888	0.5588	8.01	16.8	42.0	2.78	2.14	0.820	---	---	3
4	---	---	0.0878	0.5948	7.84	13.7	41.8	2.17	2.05	0.820	---	---	4
5	---	---	0.1388	0.6788	7.07	12.1	44.7	1.80	1.85	0.888	---	---	5
6	---	---	0.1788	0.8158	6.74	10.8	48.0	1.78	1.64	0.880	---	---	6
7	---	---	0.2088	0.8888	8.18	12.5	47.1	1.71	1.81	0.840	---	---	7
8	---	---	0.2188	1.13 B	5.83	31.2	48.0	1.82	1.48	0.828	---	---	8
9	---	---	0.1808	1.33 B	5.22	27.8	44.3	1.82	1.31	0.788	---	---	9
10	---	---	0.1848	1.38 B	5.00	38.8	38.8	1.86	1.18	0.760	---	---	10
11	---	---	0.2128	1.33 B	4.88	48.8	28.2	1.88	1.10	0.744	---	---	11
12	---	---	0.2208	1.83 B	4.78	61.8	23.8	1.78	1.03	0.732	---	---	12
13	---	---	0.2208	2.12 B	4.84	68.4	20.2	1.84	0.882	0.718	---	---	13
14	---	---	0.2188	2.48 B	4.68	83.4	41.8	1.81	0.868	0.887	---	---	14
15	---	---	0.2088	3.80 B	10.4	42.0	48.7	1.88	0.818	0.888	---	---	15
16	---	---	0.2488	3.88	38.8	21.8	51.0	1.81	0.884	0.888	---	---	16
17	---	---	0.2728	3.88	48.8	23.8	50.8	1.81	0.880	0.848	---	---	17
18	---	---	0.3208	3.58	61.0	17.7	48.4	2.24	0.880	0.832	---	---	18
19	---	---	0.3788	4.81	48.8	12.4	37.3	2.38	0.781	0.842	---	---	19
20	---	---	0.3648	5.58	38.8	9.44	28.8	2.88	0.724	0.838	---	---	20
21	---	---	0.4388	6.11	28.8	7.78	22.8	2.48	0.728	0.888	---	---	21
22	---	---	0.3688	6.27	22.8	6.81	16.8	4.84	0.888	0.8148	---	---	22
23	---	---	0.3588	6.78	17.8	6.82	12.1	5.18	0.888	0.8148	---	---	23
24	---	---	0.3648	6.13	17.8	6.38	8.52	5.08	0.718	0.8728	---	---	24
25	---	---	0.3728	6.91	16.8	4.83	7.71	4.88	0.788	0.8148	---	---	25
26	---	---	0.3888	6.78	15.8	4.31	8.88	4.08	0.748	0.8648	---	---	26
27	---	---	0.3648	6.82	13.8	3.82	8.48	3.87	0.748	0.8288	---	---	27
28	---	---	0.3728	6.81	11.8	3.81	8.27	3.18	0.808	0.8888	---	---	28
29	---	---	0.3788	6.81	10.3	3.53	4.88	3.88	0.748	0.8888	---	---	29
30	---	---	0.3648	6.80	10.3	4.88	4.88	3.88	0.882	0.8648	---	---	30
31	---	---	0.3828		10.4		3.87	3.44		0.8808		---	31
TOTAL	---	---	8.382	101.248	493.81	586.70	670.40	83.73	34.082	21.448	---	---	TOTAL
MEAN	---	---	0.270	3.37	15.9	19.8	28.4	2.78	1.13	0.883	---	---	MEAN
MAX	---	---	0.428	6.80	61.0	68.4	61.0	5.18	2.22	0.820	---	---	MAX
MIN	---	---	0.088	0.480	4.84	2.81	3.87	1.82	0.868	0.888	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.81
MAXIMUM DAILY, 68.4 ON JUN 13
MINIMUM DAILY, 0.0888 ON MAR 3
MAXIMUM INSTANTANEOUS,
87.3 AT 18:30 MST ON JUN 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 30 48 N
LONG 117 39 32 W
DRAINAGE AREA, 2 810 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	78 000
FEB	---	AUG	7 230
MAR	723	SEP	3 040
APR	8 750	OCT	1 650
MAY	43 800	NOV	---
JUN	50 700	DEC	---

TOTAL DISCHARGE, 191 000 dam³

WILDHAY RIVER NEAR HINTON - STATION NO. 07AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	3.30E	9.80	7.13	3.26	3.33	3.07	3.36B	---	1
2	---	---	---	---	3.25E	9.43	8.84	3.48	3.24	3.03	3.34B	---	2
3	---	---	---	---	3.20A	9.21	8.41	3.46	3.20	3.03	3.30B	---	3
4	---	---	---	---	3.04	4.86	8.13	3.48	3.18	3.07	---	---	4
5	---	---	---	---	2.89	9.03	8.08	3.80	3.20	3.03	---	---	5
6	---	---	---	---	2.81	8.12	8.06	3.88	3.23	2.97	---	---	6
7	---	---	---	---	2.80	8.08	8.08	3.84	3.26	2.88	---	---	7
8	---	---	---	---	2.69	8.78	8.00	3.87	3.30	3.00	---	---	8
9	---	---	---	---	3.01	9.74	8.77	3.85	3.26	2.94	---	---	9
10	---	---	---	---	3.16	9.26	8.88	3.75	3.22	2.86	---	---	10
11	---	---	---	---	3.79	9.33	8.74	3.88	3.18	2.83	---	---	11
12	---	---	---	---	4.46	9.36	8.88	3.80	3.18	2.81	---	---	12
13	---	---	---	---	7.03	8.84	8.83	3.48	3.14	2.80	---	---	13
14	---	---	---	---	7.63	8.21	8.28	3.43	3.10	2.88	---	---	14
15	---	---	---	---	7.37	8.21	8.08	3.36	3.08	2.89	---	---	15
16	---	---	---	---	6.71	6.40	4.78	3.86	3.20	2.80	---	---	16
17	---	---	---	---	5.24	6.47	4.88	4.11	3.31	2.89	---	---	17
18	---	---	---	---	6.78	6.47	4.30	4.26	3.21	2.74	---	---	18
19	---	---	---	---	6.66	6.16	4.18	4.21	3.32	2.72	---	---	19
20	---	---	---	---	6.14	7.82	3.98	4.11	3.31	2.77	---	---	20
21	---	---	---	---	4.72	7.61	3.88	4.02	3.32	2.70	---	---	21
22	---	---	---	---	4.57	7.27	3.76	3.87	3.21	2.76	---	---	22
23	---	---	---	---	4.68	7.11	3.84	3.76	3.18	2.76	---	---	23
24	---	---	---	---	5.00	7.06	3.86	3.87	3.10	2.70	---	---	24
25	---	---	---	---	5.98	6.86	3.46	3.86	3.14	2.82	---	---	25
26	---	---	---	---	6.82	6.41	3.42	3.48	3.18	2.83	---	---	26
27	---	---	---	---	6.46	6.58	3.38	3.44	3.13	2.47B	---	---	27
28	---	---	---	---	6.26	7.04	3.32	3.41	3.26	2.30B	---	---	28
29	---	---	---	---	6.39	7.44	3.36	3.37	3.38	2.46B	---	---	29
30	---		---	---	6.71	7.46	3.38	3.46	3.16	2.60B	---	---	30
31	---		---		6.84		3.26	3.43		2.91B		---	31
TOTAL	---	---	---	---	149.81	232.82	149.82	113.84	86.41	67.12	---	---	TOTAL
MEAN	---	---	---	---	4.83	7.43	4.84	3.67	3.21	2.81	---	---	MEAN
MAX	---	---	---	---	7.63	9.74	7.13	4.26	3.38	3.07	---	---	MAX
MIN	---	---	---	---	2.69	4.86	3.26	3.26	3.06	2.30	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.45
MAXIMUM DAILY, 9.74 ON JUN 9
MINIMUM DAILY, 2.30B ON OCT 26
MAXIMUM INSTANTANEOUS,
9.86 AT 13:32 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 24 N
LONG 117 56 48 W
DRAINAGE AREA, 958 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13 000
FEB	---	AUG	8 620
MAR	---	SEP	8 330
APR	---	OCT	7 530
MAY	12 900	NOV	---
JUN	19 300	DEC	---

TOTAL DISCHARGE, 70 900 dam³

WILLOW CREEK ABOVE CHAIN LAKES - STATION NO. 05AB026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.021B	0.015B	0.094B	0.392	0.365	0.635	0.170	0.085	0.021	0.062	0.072	0.046B	1
2	0.021B	0.004B	0.080B	0.513	0.354	0.548	0.153	0.367	0.019	0.062	0.068	0.046B	2
3	0.021B	0.005B	0.086B	0.517	0.336	0.491	0.144	0.288	0.017	0.065	0.064	0.044B	3
4	0.021B	0.005B	0.080B	0.480B	0.408	0.481	0.127	0.178	0.014	0.067	0.065	0.044B	4
5	0.021B	0.006B	0.100B	0.438	0.648	0.570	0.188	0.128	0.013	0.067	0.066	0.043B	5
6	0.021B	0.007B	0.110B	0.488	0.763	0.563	0.186	0.111	0.011	0.068	0.067	0.043B	6
7	0.020B	0.008B	0.124B	0.506	0.702	0.741	0.148	0.108	0.009	0.065	0.065	0.041B	7
8	0.018B	0.010B	0.121B	0.431	0.868	1.48	0.121	0.110	0.011	0.063	0.063B	0.040B	8
9	0.012B	0.007B	0.120B	0.368	0.880	1.62	0.103	0.082	0.010	0.063	0.061B	0.038B	9
10	0.008B	0.008B	0.137B	0.398	0.695	1.20	0.110	0.078	0.015	0.063	0.058B	0.036B	10
11	0.008B	0.008B	0.150B	0.443	0.668	1.01	0.186	0.077	0.022	0.061	0.060B	0.036B	11
12	0 B	0.014B	0.180B	0.468	0.736	0.882	0.127	0.062	0.027	0.060	0.058B	0.036B	12
13	0 B	0.019B	0.180B	0.439	0.774	0.827	0.104	0.072	0.027	0.058	0.058B	0.036B	13
14	0.005B	0.024B	0.124B	0.468	0.770	0.720	0.082	0.082	0.027	0.056	0.054B	0.037B	14
15	0.010B	0.028B	0.132B	0.461	0.711	0.641	0.070	0.088	0.027	0.061	0.052B	0.036B	15
16	0.012B	0.030B	0.126B	0.517	0.663	0.554	0.081	0.054	0.026	0.062	0.050B	0.037B	16
17	0.012B	0.027B	0.127B	0.464	0.670	0.497	0.082	0.058	0.040	0.063	0.050B	0.036B	17
18	0.010B	0.025B	0.140B	0.468	0.648	0.486	0.082	0.068	0.047	0.064	0.050B	0.036B	18
19	0.010B	0.030B	0.172B	0.464	0.613	0.410	0.068	0.068	0.052	0.067	0.054B	0.036B	19
20	0.010B	0.028B	0.206B	0.448	0.581	0.368	0.062	0.064	0.067	0.064	0.050B	0.037B	20
21	0.010B	0.044B	0.208B	0.421	0.583	0.340	0.035	0.072	0.073	0.063	0.050B	0.036B	21
22	0.012B	0.052B	0.206B	0.384	0.534	0.316	0.035	0.063	0.072	0.064	0.048B	0.036B	22
23	0.014B	0.061B	0.240B	0.360	0.520	0.288	0.033	0.063A	0.068	0.063	0.048B	0.034B	23
24	0.018B	0.080B	0.230B	0.360	0.521	0.264	0.030	0.047E	0.068	0.061	0.048B	0.033B	24
25	0.018B	0.180B	0.228B	0.353	0.549	0.228	0.018	0.042E	0.068	0.061	0.043B	0.031B	25
26	0.018B	0.136B	0.240B	0.337	0.511	0.223	0.010	0.038E	0.070	0.068	0.040B	0.030B	26
27	0.018B	0.118B	0.230B	0.340	0.480	0.194	0.006	0.036E	0.060	0.070	0.037B	0.030B	27
28	0.018B	0.100B	0.236B	0.383	0.477	0.206	0.006	0.032E	0.071	0.068B	0.036B	0.030B	28
29	0.018B	0.088B	0.196B	0.388	0.503	0.231	0.006	0.030E	0.070	0.062B	0.036B	0.030B	29
30	0.018B		0.176B	0.378	0.567	0.204	0.003	0.028A	0.067	0.068	0.042B	0.034B	30
31	0.020B		0.201B		0.773		0.005	0.022		0.068		0.033B	31
TOTAL	0.438	1.167	5.134	12.884	18.861	17.078	2.430	2.848	1.213	1.971	1.630	1.156	TOTAL
MEAN	0.014	0.040	0.166	0.429	0.599	0.580	0.078	0.085	0.040	0.064	0.054	0.037	MEAN
MAX	0.021	0.150	0.208	0.517	0.774	1.62	0.186	0.367	0.060	0.070	0.072	0.046	MAX
MIN	0	0.004	0.066	0.337	0.338	0.194	0.003	0.022	0.009	0.068	0.035	0.029	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.181
MAXIMUM DAILY, 1.62 ON JUN 9
MINIMUM DAILY, 0B ON JAN 15
MAXIMUM INSTANTANEOUS,
1.71 AT 00:26 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 47 N
LONG 114 12 48 W
DRAINAGE AREA, 182 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37.7	JUL	210
FEB	101	AUG	228
MAR	444	SEP	105
APR	1 110	OCT	170
MAY	1 600	NOV	140
JUN	1 480	DEC	100

TOTAL DISCHARGE, 6 730 dam³

WILLOW CREEK BELOW LANE CREEK - STATION NO. 05AB038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3308	0.4748	0.478	0.648	0.287	0.683	0.388	0.183	0.480	---	1
2	---	---	0.3418	0.8458	0.473	0.448	0.282	0.606	0.384	0.210	0.445A	---	2
3	---	---	0.3348	0.8228	0.443	0.378	0.280	0.623	0.381	0.228	---	---	3
4	---	---	0.3328	0.7648	0.487	0.482	0.287	0.388	0.381	0.223	---	---	4
5	---	---	0.3448	0.7868	0.878	0.737	0.388	0.318	0.388	0.238	---	---	5
6	---	---	0.3488	0.8128	0.881	0.828	0.380	0.370	0.388	0.237	---	---	6
7	---	---	0.3558	0.8068	0.948	1.08	0.370	0.277	0.388	0.234	---	---	7
8	---	---	0.3688	0.8418	0.828	1.40	0.388	0.282	0.388	0.237	---	---	8
9	---	---	0.4078	0.8388	0.778	1.85	0.384	0.240	0.387	0.238	---	---	9
10	---	---	0.3988	0.8038	0.747	1.88	0.478	0.248	0.338	0.238	---	---	10
11	---	---	0.3948	0.8568	0.713	1.30	0.528	0.272	0.384	0.237	---	---	11
12	---	---	0.3068	0.884	0.888	1.18	0.832	0.283	0.324	0.234	---	---	12
13	---	---	0.2728	0.886	0.671	1.14	0.832	0.288	0.288	0.232	---	---	13
14	---	---	0.2678	0.833	0.888	0.888	0.844	0.300	0.270	0.233	---	---	14
15	---	---	0.3288	0.843	0.827	0.884	0.887	0.304	0.384	0.280	---	---	15
16	---	---	0.3328	0.880	0.873	0.470	0.807	0.348	0.388	0.270	---	---	16
17	---	---	0.3318	0.880	0.818	0.388	0.384	0.388	0.389	0.278	---	---	17
18	---	---	0.2188	0.838	0.803	0.380	0.388	0.384	0.318	0.272	---	---	18
19	---	---	0.2388	0.838	0.480	0.313	0.383	0.318	0.285	0.283	---	---	19
20	---	---	0.3348	0.838	0.448	0.278	0.378	0.327	0.280	0.288	---	---	20
21	---	---	0.8078	0.812	0.421	0.288	0.380	0.393	0.247	0.287	---	---	21
22	---	---	1.18 B	0.872	0.408	0.284	0.341	0.344	0.224	0.283	---	---	22
23	---	0.4808	1.70 B	0.822	0.373	0.218	0.338	0.318	0.211	0.282	---	---	23
24	---	0.5288	1.41 B	0.488	0.358	0.188	0.342	0.278	0.208	0.270	---	---	24
25	---	0.7818	1.13 B	0.847	0.348	0.173	0.388	0.288	0.207	0.280	---	---	25
26	---	0.5388	0.8438	0.834	0.347	0.187	0.382	0.352	0.198	0.281	---	---	26
27	---	0.3148	0.8078	0.487	0.328	0.208	0.389	0.317	0.182	0.2648	---	---	27
28	---	0.2818	0.8128	0.488	0.298	0.233	0.388	0.341	0.188	0.2498	---	---	28
29	---	0.3788	0.8438	0.483	0.288	0.284	0.382	0.328	0.188	0.2738	---	---	29
30	---		0.4548	0.478	0.327	0.281	0.382	0.298	0.181	0.8148	---	---	30
31	---		0.4278		0.420		0.388	0.283		0.4978		---	31
TOTAL	---	---	14.883	16.889	16.840	16.478	12.188	10.838	8.032	8.188	---	---	TOTAL
MEAN	---	---	0.483	0.885	0.827	0.818	0.382	0.343	0.288	0.263	---	---	MEAN
MAX	---	---	1.70	0.822	0.881	1.85	0.557	0.808	0.384	0.514	---	---	MAX
MIN	---	---	0.218	0.438	0.288	0.173	0.280	0.240	0.188	0.182	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.433
MAXIMUM DAILY, 1.85 ON JUN 8
MINIMUM DAILY, 0.173 ON JUN 28
MAXIMUM INSTANTANEOUS,
2.00 AT 02:27 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 26 N
LONG 113 56 21 W
DRAINAGE AREA, 727 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1986

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 060
FEB	---	AUG	919
MAR	1 280	SEP	884
APR	1 470	OCT	705
MAY	1 440	NOV	---
JUN	1 800	DEC	---

TOTAL DISCHARGE, 9 170 dam³

WILLOW CREEK NEAR CLARESHOLM - STATION NO. 05AB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4008	0.4508	0.5008	0.8148	0.391	0.245	0.231	0.188	0.102	0.078	0.482	0.7808	1
2	0.3208	0.4208	0.4508	1.11 B	0.380	0.408	0.208	0.844	0.108	0.070	0.478	0.7808	2
3	0.2708	0.3808	0.4008	1.35 B	0.384	0.380	0.182	0.881	0.118	0.081	0.438	0.6008	3
4	0.2388	0.3708	0.3608	1.13 B	0.388	0.318	0.167	0.812	0.114	0.082	0.438	0.7408	4
5	0.1808	0.3628	0.3608	0.9898	0.388	0.084	0.204	0.374	0.114	0.134	0.448	0.8808	5
6	0.1808	0.3538	0.4008	1.18	0.438	0.385	0.227	0.253	0.087	0.142	0.482	0.8308	6
7	0.1428	0.3548	0.4128	0.910	0.732	1.88	0.362	0.227	0.084	0.144	0.438	0.8808	7
8	0.1078	0.3548	0.3808	0.777	0.718	1.28	0.272	0.171	0.118	0.158	0.3748	0.4808	8
9	0.1708	0.3348	0.3108	0.588	0.587	1.82	0.235	0.128	0.128	0.188	0.3208	0.4308	9
10	0.1788	0.4008	0.2708	0.537	0.548	1.80	0.218	0.084	0.148	0.168	0.3858	0.4008	10
11	0.1848	0.4508	0.2278	0.538	0.488	1.32	0.287	0.087	0.338	0.148	0.5008	0.4108	11
12	0.1818	0.5008	0.2308	0.473	0.468	1.11	0.384	0.086	0.269	0.188	0.5858	0.4138	12
13	0.2008	0.5108	0.2508	0.445	0.443	1.08	0.273	0.102	0.338	0.170	0.5858	0.3808	13
14	0.2308	0.5108	0.2858	0.403	0.418	1.05	0.263	0.103	0.187	0.183	0.6158	0.3508	14
15	0.2248	0.5108	0.2508	0.438	0.401	0.781	0.280	0.101	0.152	0.178	0.6358	0.3708	15
16	0.2288	0.5508	0.2308	0.374	0.370	0.585	0.378	0.128	0.108	0.188	0.5858	0.3608	16
17	0.2288	0.5708	0.2108	0.485	0.338	0.481	0.387	0.218	0.124	0.231	0.5608	0.4008	17
18	0.2278	0.5708	0.2028	0.548	0.318	0.388	0.246	0.437	0.181	0.234	0.6008	0.3908	18
19	0.2188	0.5508	0.4728	0.648	0.336	0.338	0.103	0.374	0.232	0.248	0.6408	0.3708	19
20	0.2008	0.6008	0.5958	0.830	0.341	0.328	0.088	0.313	0.232	0.244	0.6808	0.3508	20
21	0.2238	0.6058	0.5858	0.807	0.348	0.188	0.048	0.228	0.181	0.240	0.7508	0.3308	21
22	0.2208	0.6008	0.5308	0.588	0.318	0.135	0.026	0.267	0.188	0.223	0.7058	0.3008	22
23	0.2208	0.7038	1.48 B	0.528	0.288	0.118	0.025	0.247	0.118	0.230	0.6708	0.2708	23
24	0.2158	0.5808	1.03 B	0.418	0.242	0.108	0.012	0.177	0.084	0.214	0.6508	0.2408	24
25	0.2148	0.4788	1.33 B	0.484	0.287	0.077	0.025	0.142	0.111	0.207	0.6208	0.2108	25
26	0.2308	0.4908	1.18 B	0.438	0.262	0.082	0.051	0.091	0.138	0.1958	0.5108	0.1808	26
27	0.2868	0.5108	0.5008	0.408	0.211	0.044	0.051	0.078	0.128	0.1608	0.4408	0.1508	27
28	0.2808	0.5308	0.4648	0.402	0.218	0.018	0.044	0.068	0.122	0.1708	0.4708	0.1808	28
29	0.2868	0.5478	0.4418	0.408	0.180	0.104	0.053	0.064	0.118	0.188	0.4808	0.2108	29
30	0.4008		0.5008	0.400	0.188	0.238	0.107	0.052	0.088	0.188	0.7308	0.2008	30
31	0.4308		0.7398		0.248		0.110	0.088		0.427		0.1908	31
TOTAL	6.274	14.208	17.928	19.018	11.838	10.588	5.883	6.838	4.382	5.888	17.028	12.878	TOTAL
MEAN	0.270	0.488	0.578	0.634	0.378	0.583	0.182	0.214	0.148	0.181	0.587	0.408	MEAN
MAX	0.438	0.702	1.83	1.35	0.732	1.88	0.384	0.881	0.268	0.427	0.750	0.800	MAX
MIN	0.148	0.334	0.227	0.374	0.188	0.018	0.013	0.088	0.084	0.078	0.328	0.188	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.382
MAXIMUM DAILY, 1.838 ON MAR 24
MINIMUM DAILY, 0.013 ON JUL 24
MAXIMUM INSTANTANEOUS,
4.33 AT 15:42 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 05 N
LONG 113 43 50 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS

REGULATED SINCE 1986

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	724	JUL	618
FEB	1 230	AUG	573
MAR	1 550	SEP	377
APR	1 640	OCT	484
MAY	1 010	NOV	1 470
JUN	1 430	DEC	1 080

TOTAL DISCHARGE, 12 100 dam³

WILLOW CREEK NEAR NOLAN - STATION NO. 05AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8188	0.828	0.820	0.748	0.830	0.181	0.308	0.243	0.308	---	1
2	---	---	0.8288	0.902	0.948	0.714	0.808	0.227	0.334	0.278	0.378	---	2
3	---	---	0.8928	1.06	0.982	0.683	0.438	0.278	0.018	0.253	0.468	---	3
4	---	---	1.00 B	1.23	0.880	0.647	0.308	0.488	0.134	0.238	0.482A	---	4
5	---	---	0.9268	1.25	0.718	0.581	0.042	0.788	0.228	0.202	---	---	5
6	---	---	1.08 B	1.07	0.728	0.698	0.180	0.781	0.144	0.177	---	---	6
7	---	---	1.43 B	1.08	0.788	0.717	0.307	0.718	0.001	0.223	---	---	7
8	---	---	1.12 B	1.02	0.881	0.728	0.278	0.885	0.007	0.182	---	---	8
9	---	---	1.07 B	0.936	0.888	1.32	0.277	0.830	0.018	0.188	---	---	9
10	---	---	1.04 B	0.881	0.877	0.826	0.233	0.840	0.034	0.211	---	---	10
11	---	---	0.9838	0.892	0.811	1.12	0.238	0.837	0.025	0.187	---	---	11
12	---	---	0.9488	0.896	0.488	1.02	0.226	0.482	0.038	0.183	---	---	12
13	---	---	0.9518	0.847	0.878	0.881	0.311	0.488	0.130	0.171	---	---	13
14	---	---	0.8888	0.398	0.878	0.788	0.281	0.483	0.142	0.160	---	---	14
15	---	---	0.8188	0.188	0.880	0.748	0.268	0.440	0.141	0.183	---	---	15
16	---	---	0.7588	0.110	0.848	0.787	0.880	0.388	0.137	0.273	---	---	16
17	---	---	0.7508	0.008	0.848	0.758	0.881	0.378	0.118	0.303	---	---	17
18	---	---	0.8278	0.002	0.887	0.702	0.528	0.338	0.083	0.178	---	---	18
19	---	---	0.873	0.488	0.852	0.887	0.587	0.378	0.044	0.282	---	---	19
20	---	---	0.937	0.818	0.840	0.733	0.487	0.430	0.100	0.388	---	---	20
21	---	---	0.881	0.894	0.878	0.887	0.100	0.488	0.181	0.488	---	---	21
22	---	0.7828	0.888	0.838	0.883	0.808	0.087	0.484	0.180	0.408	---	---	22
23	---	0.8188	0.873	0.808	0.818	0.859	0.011	0.388	0.144	0.312	---	---	23
24	---	0.9238	1.18	0.873	0.818	0.401	0.004	0.384	0.084	0.278	---	---	24
25	---	1.07 B	1.88	0.887	0.884	0.884	0.028	0.428	0.048	0.248	---	---	25
26	---	1.02 B	1.31	0.711	0.847	0.881	0.001	0.428	0.088	0.284	---	---	26
27	---	0.8888	1.38	0.707	0.748	0.878	0.001	0.388	0.077	0.288	---	---	27
28	---	1.10 B	1.22	0.728	0.748	0.848	0.008	0.384	0.078	0.284	---	---	28
29	---	1.11 B	1.14	0.882	0.784	0.888	0.042	0.388	0.088	0.280	---	---	29
30	---		1.17	0.808	0.788	0.848	0.083	0.348	0.084	0.227	---	---	30
31	---		0.870		0.758		0.088	0.281		0.287		---	31
TOTAL	---	---	32.110	22.817	21.040	21.321	7.851	13.834	3.088	7.908	---	---	TOTAL
MEAN	---	---	1.04	0.761	0.878	0.711	0.247	0.448	0.103	0.285	---	---	MEAN
MAX	---	---	1.88	1.25	0.882	1.32	0.887	0.781	0.308	0.408	---	---	MAX
MIN	---	---	0.750	0.002	0.488	0.401	0.001	0.181	0.001	0.148	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.828
MAXIMUM DAILY, 1.88 ON MAR 25
MINIMUM DAILY, 0.001 ON JUL 28
MAXIMUM INSTANTANEOUS,
1.90 AT 02:30 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 33 N
LONG 113 32 13 W
DRAINAGE AREA, 2 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	881
FEB	---	AUG	1 200
MAR	2 770	SEP	267
APR	1 980	OCT	683
MAY	1 820	NOV	---
JUN	1 840	DEC	---

TOTAL DISCHARGE, 11 200 dam³

WILLOW RIVER NEAR WABASCA - STATION NO. 07JA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2388	0.5888	7.38	23.4 A	8.28	4.83A	1.35	0.80	0.588	---	1
2	---	---	0.2438	0.5838	8.88	21.4 A	7.18	4.37A	1.28	0.808	0.588A	---	2
3	---	---	0.2648	0.5878	8.88	18.8	7.30	3.83A	1.22	0.488	---	---	3
4	---	---	0.3028	0.8848	8.18	16.8	8.71	3.84A	1.11	0.478	---	---	4
5	---	---	0.2718	0.5888	4.81	13.8 A	7.34	3.81A	1.03	0.478	---	---	5
6	---	---	0.2148	0.8088	8.26	11.3	16.1	3.87A	8.884	0.482	---	---	6
7	---	---	0.2288	0.8708	8.84	10.0	78.8	3.20A	8.823	0.481	---	---	7
8	---	---	0.2288	0.7278	8.88	8.84	178 A	2.81A	8.888	0.502	---	---	8
9	---	---	0.2278	0.7638	8.78	8.08	183 A	2.80A	8.883	0.488	---	---	9
10	---	---	0.2218	0.7438	8.38	8.74	88.7 A	2.47A	8.821	0.484	---	---	10
11	---	---	0.2338	0.8028	8.20	12.8 A	61.8 A	2.38A	0.748	0.483	---	---	11
12	---	---	0.2348	0.8018	8.07	34.3 A	38.8 A	2.23A	0.780	0.488	---	---	12
13	---	---	0.2478	0.8838	4.77	38.4	32.8	2.07A	0.714	0.488	---	---	13
14	---	---	0.2618	1.02 B	4.77	38.8	31.4	2.13A	0.713	0.488	---	---	14
15	---	---	0.2838	2.22 B	7.33	38.2	38.4	2.18A	0.713	0.483	---	---	15
16	---	---	0.2648	2.87 B	17.2	31.4	35.4	2.13A	0.688	0.488	---	---	16
17	---	---	0.2648	3.20 B	17.8	18.1	32.8	1.83A	0.837	0.483	---	---	17
18	---	---	0.2608	8.84 B	18.2 A	18.8	30.7	1.81A	0.818	0.487	---	---	18
19	---	---	0.2838	8.43 B	12.8 A	14.1	18.8	2.82A	0.808	0.488	---	---	19
20	---	---	0.2668	8.12 B	8.47A	11.8	17.2	3.13A	0.808	0.818	---	---	20
21	---	---	0.2668	8.32	7.77A	8.80	15.8	2.88A	0.808	0.508	---	---	21
22	---	---	0.2738	8.42	8.82	8.08	13.7	2.84A	0.887	0.521	---	---	22
23	---	---	0.2748	8.32	8.82	7.18	13.2	2.87A	0.888	0.841	---	---	23
24	---	---	0.2888	8.30	4.88	7.78	11.8	2.88A	0.881	0.842	---	---	24
25	---	---	0.4078	8.16	4.38	8.24	8.88	2.26	0.881	0.847	---	---	25
26	---	---	8.4288	8.88	3.80	8.88	8.87A	2.03	0.808	0.8228	---	---	26
27	---	---	8.4368	8.17	3.48	8.17	7.77A	1.87	0.888	0.3888	---	---	27
28	---	---	8.4868	8.85	3.72	4.88	8.74A	1.88	0.842	0.4858	---	---	28
29	---	---	8.4888	8.70	3.80	8.28	8.82A	1.88	0.832	0.8228	---	---	29
30	---		8.5148	7.22	4.18	8.81	8.47A	1.48	0.818	0.837	---	---	30
31	---		8.8528		12.4		8.188	1.42		0.882		---	31
TOTAL	---	---	11.388	88.884	217.78	427.84	843.84	82.84	22.888	18.821	---	---	TOTAL
MEAN	---	---	0.388	2.28	7.02	14.2	28.4	2.88	0.788	0.581	---	---	MEAN
MAX	---	---	0.883	7.22	17.8	38.4	178	4.82	1.38	0.882	---	---	MAX
MIN	---	---	0.238	0.880	3.48	4.88	8.18	1.42	0.818	0.388	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.42
MAXIMUM DAILY, 178A ON JUL 8
MINIMUM DAILY, 0.2388 ON MAR 1
MAXIMUM INSTANTANEOUS,
182 AT 07:30 MST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 84 48 N
LONG 113 58 17 W
DRAINAGE AREA, 1 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	81 800
FEB	---	AUG	7 080
MAR	888	SEP	1 980
APR	8 820	OCT	1 240
MAY	18 800	NOV	---
JUN	28 800	DEC	---

TOTAL DISCHARGE, 187 000 dam³

WINAGAMI LAKE AT PROVINCIAL PARK - STATION NO. 07BF008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	821.600	821.677	821.760	821.763	---	---	---	---	1
2	---	---	---	---	821.606	821.687	821.770	821.723	821.826	---	---	---	2
3	---	---	---	---	821.601	821.657	821.760	821.703	821.826	---	821.488	---	3
4	---	---	---	---	821.596	821.657	821.780	821.703	821.826	---	---	---	4
5	---	---	---	821.600	821.565	---	821.780	821.686	821.816	---	---	---	5
6	---	---	---	---	821.590	821.683	821.821	821.684	821.616	---	---	---	6
7	---	---	---	---	821.586	821.658	821.816	821.684	821.637	---	---	---	7
8	---	---	---	---	821.596	821.582	821.818	821.684	821.607	---	---	---	8
9	---	---	821.596	---	821.565	821.596	821.791	821.684	821.607	---	---	---	9
10	---	---	---	---	821.595	---	821.781	821.684	---	---	---	---	10
11	---	---	---	821.606	821.586	821.636	821.776	821.684	---	---	---	---	11
12	---	---	---	---	821.565	821.626	821.816	821.684	821.587	---	---	---	12
13	---	---	---	---	821.565	821.626	821.801	821.674	821.577	---	---	---	13
14	---	---	---	---	---	821.626	821.806	821.684	821.577	---	---	---	14
15	---	---	---	---	821.606	---	821.611	821.674	821.587	---	---	---	15
16	---	---	---	---	821.606	821.649	821.802	821.680	821.587	---	---	---	16
17	---	---	---	---	---	821.658	821.782	821.665	---	---	821.482	---	17
18	---	---	---	821.604	---	821.650	821.787	---	---	---	---	---	18
19	---	---	---	---	821.586	821.659	821.782	821.675	821.566	---	---	---	19
20	---	---	---	821.616	821.583	821.659	821.787	821.675	821.566	---	---	---	20
21	---	---	---	---	821.565	821.659	821.782	821.675	821.566	---	---	---	21
22	---	---	821.596	821.616	---	---	821.782	821.675	821.576	---	---	---	22
23	---	---	---	---	821.586	821.676	821.782	821.675	821.556	---	---	---	23
24	---	---	---	---	821.586	821.698	821.772	821.660	---	---	---	---	24
25	---	---	821.590	821.615	821.687	821.669	821.782	821.660	---	---	---	---	25
26	---	821.594	---	821.596	821.687	821.710	821.782	821.665	---	---	---	---	26
27	---	---	---	821.606	821.687	821.715	821.783	821.646	821.550	---	---	---	27
28	---	---	---	821.606	821.577	---	821.772	821.646	821.639	---	---	---	28
29	---	---	---	821.606	821.587	821.760	821.783	821.636	821.600	---	---	---	29
30	---		---	---	---	821.760	821.773	821.636	821.649	---	---	---	30
31	---		---		821.577		821.783	821.636		---		---	31
MEAN	---	---	---	---	---	---	821.787	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	821.821	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	821.760	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 821.821 ON JUL 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 37 27 N
LONG 116 40 51 W

REGULATED

DRAINAGE AREA,
2 350 km^2

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WOLF CREEK AT HIGHWAY NO. 16A - STATION NO. 07AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.305B	0.260B	0.134B	1.100	1.61 B	0.723	13.2	0.848	1.04	2.32 E	0.860B	0.712B	1
2	0.317B	0.266B	0.136B	1.240	1.55 B	0.781	9.19	0.884	0.974	2.48 E	0.900B	0.705B	2
3	0.328B	0.252B	0.138B	1.300	1.56 B	0.754	8.09	0.868	0.932	2.36 E	0.820B	0.741B	3
4	0.335B	0.246B	0.141B	1.680	1.48 B	0.773	7.02	0.935	0.867	2.20 E	0.860B	0.755B	4
5	0.343B	0.240B	0.145B	1.650	1.47	0.844	6.60	0.945	0.832	2.10 E	0.710B	0.692B	5
6	0.370B	0.232B	0.150B	1.610	1.40	1.01	8.21	1.11	0.632	2.00 E	0.860B	0.687B	6
7	0.350B	0.227B	0.160B	1.780	1.33	1.34	8.38	1.93	0.614	1.93 E	0.840B	0.720B	7
8	0.325B	0.218B	0.190B	1.780	1.25	1.77	9.27	3.31	0.792	1.86 E	0.720B	0.670B	8
9	0.300B	0.206B	0.250B	2.250	1.29	4.13	7.16	2.89	0.613	1.80 E	0.720B	0.630B	9
10	0.290B	0.202B	0.350B	2.380	1.30	9.68	6.32	2.57	0.903	1.74 E	0.730B	0.620B	10
11	0.284B	0.198B	0.420B	2.308	1.25	9.28	6.81	2.29	0.958	1.70 E	0.780B	0.610B	11
12	0.274B	0.192B	0.450B	2.328	1.21	17.5	6.34	2.00	1.05	1.63 E	0.785B	0.598B	12
13	0.262B	0.188B	0.480B	2.378	1.22	17.6	6.46	1.68	1.12	1.60 E	0.749B	0.590B	13
14	0.257B	0.180B	0.510B	2.508	1.30	13.0	6.12	1.53	1.07	1.53 E	0.780B	0.570B	14
15	0.251B	0.172B	0.561B	3.088	1.37	9.80	4.85	1.39	0.971	1.48 E	0.749B	0.560B	15
16	0.247B	0.166B	0.610B	3.378	1.42	8.05	3.98	1.39	1.03	1.44 E	0.648B	0.545B	16
17	0.242B	0.162B	0.640B	4.268	1.36	6.68	3.26	1.99	1.31	1.40 E	0.665B	0.535B	17
18	0.236B	0.154B	0.660B	3.838	1.33	5.29	2.86	4.66	1.82	1.35 E	0.637B	0.526B	18
19	0.236B	0.145B	0.690B	4.018	1.24	4.23	2.63	6.93	1.92	1.32 E	0.684B	0.510B	19
20	0.260B	0.136B	0.730B	3.928	1.18	3.52	2.46	6.48	1.84 A	1.28 E	0.710B	0.505B	20
21	0.260B	0.132B	0.748B	4.598	1.07	3.04	2.16	5.49	1.83 E	1.22 E	0.680B	0.500B	21
22	0.302B	0.128B	0.804B	4.398	0.884	2.80	1.67	4.78	1.81 E	1.18 E	0.668B	0.490B	22
23	0.300B	0.122B	0.886B	3.718	0.842	2.38	1.84	3.90	1.80 E	1.16 E	0.705B	0.480B	23
24	0.286B	0.118B	0.987B	3.538	0.882	2.26	1.38	3.13	1.78 E	1.13 E	0.695B	0.475B	24
25	0.287B	0.121B	1.09 B	2.848	0.821	2.45	1.30	2.82	1.81 E	1.10 E	0.646B	0.470B	25
26	0.300B	0.132B	1.10 B	2.438	0.802	2.30	1.22	2.12	1.83 E	1.00 E	0.680B	0.460B	26
27	0.292B	0.134B	1.06 B	2.368	0.760	2.66	1.11	1.86	1.88 E	0.900B	0.651B	0.458B	27
28	0.283B	0.133B	1.10 B	2.328	0.733	4.03	1.01	1.65	2.00 E	0.870B	0.712B	0.455B	28
29	0.278B	0.133B	1.06 B	2.118	0.708	8.53	0.935	1.47	2.12 E	0.870B	0.723B	0.480B	29
30	0.278B		0.987B	1.088	0.705	16.6	0.878	1.29	2.22 E	0.860B	0.717B	0.457B	30
31	0.272B		0.879B		0.738		0.884	1.17		0.910B		0.458B	31
TOTAL	8.077	5.206	18.418	79.42	36.658	165.755	140.285	76.006	40.976	48.760	22.238	17.640	TOTAL
MEAN	0.260	0.180	0.594	2.65	1.18	5.52	4.53	2.45	1.37	1.51	0.741	0.569	MEAN
MAX	0.370	0.266	1.10	4.59	1.61	17.6	13.2	6.93	2.22	2.48	0.900	0.755	MAX
MIN	0.236	0.118	0.134	1.10	0.705	0.723	0.884	0.845	0.792	0.870	0.637	0.456	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 17.6 ON JUN 13
MINIMUM DAILY, 0.118B ON FEB 24
MAXIMUM INSTANTANEOUS,
20.5 AT 21:52 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 55 N
LONG 116 16 15 W
DRAINAGE AREA, 829 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	776	JUL	12 100
FEB	450	AUG	6 570
MAR	1 590	SEP	3 540
APR	6 860	OCT	4 040
MAY	3 170	NOV	1 920
JUN	14 300	DEC	1 520

TOTAL DISCHARGE, 56 800 dam^3

WOLF RIVER AT OUTLET OF WOLF LAKE - STATION NO. 06AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0 B	0.020B	0.040B	0.070	0.466A	0.619	1.11	1.12	0.222	0.076B	0.080B	1
2	0B	0 B	0.019B	0.038B	0.066	0.463	0.622	1.03	1.10	0.209	0.067B	0.076B	2
3	0B	0 B	0.019B	0.044B	0.079	0.478	0.654	1.04	1.05	0.188	0.079B	0.073B	3
4	0B	0 B	0.020B	0.046B	0.076	0.464	0.720	0.987	1.06	0.180	0.079B	0.070B	4
5	0B	0 B	0.022B	0.043B	0.085	0.493	0.734	0.964	1.05	0.165	0.076B	0.066B	5
6	0B	0 B	0.024B	0.040B	0.080	0.577	0.657	0.895	0.838	0.163	0.083B	0.066B	6
7	0B	0 B	0.029B	0.036B	0.083	0.609	0.641	0.906	0.666	0.154	0.081B	0.065B	7
8	0B	0 B	0.033B	0.036B	0.090	0.556	0.615	0.905	0.650	0.148	0.080B	0.064B	8
9	0B	0 B	0.037B	0.038B	0.093	0.655	0.666	0.769	0.693	0.145	0.080B	0.066B	9
10	0B	0 B	0.043B	0.036B	0.094	0.644	0.691	0.736	0.666	0.143	0.083B	0.072B	10
11	0B	0 B	0.049B	0.036B	0.106	0.687	0.986	0.703	0.659	0.147	0.082B	0.080B	11
12	0B	0 B	0.052B	0.036B	0.130	0.654	1.13	0.682	0.582	0.146	0.084B	0.083B	12
13	0B	0.001B	0.051B	0.034B	0.138	0.678	1.14	0.677	0.569	0.136	0.080B	0.082B	13
14	0B	0.002B	0.050B	0.032B	0.148	0.699	1.13	0.577	0.549	0.131	0.082B	0.077B	14
15	0B	0.001B	0.049B	0.031B	0.161	0.714	1.22	0.603	0.513	0.121	0.085B	0.074B	15
16	0B	0.002B	0.052B	0.034B	0.176	0.521	1.38	0.593	0.471	0.121	0.080B	0.070B	16
17	0B	0.004B	0.051B	0.032B	0.161	0.524	1.52	0.561	0.455	0.118	0.082B	0.071B	17
18	0B	0.007B	0.054B	0.030B	0.145	0.562	1.61	0.376	0.453	0.124	0.081B	0.076B	18
19	0B	0.007B	0.053B	0.028B	0.143	0.529	1.59	0.431	0.416	0.110	0.083B	0.075B	19
20	0B	0.007B	0.051B	0.028B	0.132	0.594	1.63	0.514	0.375	0.102	0.085B	0.076B	20
21	0B	0.006B	0.059B	0.026	0.136	0.566	1.69	0.526	0.263	0.104	0.082B	0.081B	21
22	0B	0.005B	0.057B	0.028	0.150	0.586	1.56	0.572	0.262	0.090	0.085B	0.086B	22
23	0B	0.004B	0.055B	0.033	0.134	0.493	1.41	1.06	0.239	0.088	0.079B	0.086B	23
24	0B	0.003B	0.050B	0.035	0.120	0.423	1.31	1.10	0.255	0.082	0.076B	0.085B	24
25	0B	0.004B	0.048B	0.035	0.130	0.493	1.43	1.20	0.235	0.082	0.073B	0.088B	25
26	0B	0.006B	0.046B	0.039	0.104	0.526	1.44	1.18	0.237	0.080	0.072B	0.095B	26
27	0B	0.011B	0.045B	0.041	0.125A	0.532	1.28	1.21	0.240	0.089	0.075B	0.101B	27
28	0B	0.019B	0.047B	0.044	0.135E	0.530	1.13	1.26	0.235	0.089	0.080B	0.105B	28
29	0B	0.021B	0.046B	0.047	0.150E	0.544	1.07	1.29	0.191	0.087B	0.085B	0.101B	29
30	0B		0.040B	0.054	0.200E	0.522	1.07	1.16	0.181	0.079B	0.083B	0.088B	30
31	0B		0.040B		0.305E		1.10	1.15		0.078B		0.098B	31
TOTAL	0	0.113	1.351	1.106	3.948	17.001	35.687	26.780	16.347	3.950	2.456	2.490	TOTAL
MEAN	0	0.004	0.044	0.037	0.127	0.567	1.15	0.864	0.545	0.127	0.082	0.080	MEAN
MAX	0	0.021	0.064	0.054	0.305	0.714	1.69	1.29	1.12	0.222	0.085	0.105	MAX
MIN	0	0	0.019	0.026	0.066	0.423	0.619	0.376	0.181	0.078	0.067	0.064	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.304
MAXIMUM DAILY, 1.69 ON JUL 21
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
1.81 AT 16:13 MST ON JUL 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 42 47 N
LONG 111 00 00 W
DRAINAGE AREA, 725 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	3 080
FEB	9.76	AUG	2 310
MAR	117	SEP	1 410
APR	95.7	OCT	341
MAY	341	NOV	212
JUN	1 470	DEC	215

TOTAL DISCHARGE, 9 600 dam³

YOUNG CREEK NEAR CASTOR - STATION NO. 05FC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.016B	0	0	0.169	0	0.001	0.002	---	---	1
2	---	---	0 B	0.107B	0	0	0.039	0	0.001	0.002	---	---	2
3	---	---	0 B	0.122	0	0	0.017	0	0.001	0.001	---	---	3
4	---	---	0 B	0.325	0	0	0.005	0	0.001	0.001	---	---	4
5	---	---	0.001B	0.161	0	0	0.462	0	0	0.001	---	---	5
6	---	---	0.003B	0.106	0	0	0.290	0	0	0.001	---	---	6
7	---	---	0.005B	0.064	0	0	0.115	0	0	0.001	---	---	7
8	---	---	0.007B	0.074	0	0	0.035	0	0	0.001	---	---	8
9	---	---	0.010B	0.050	0	0	0.007	0	0	0.001	---	---	9
10	---	---	0.009B	0.033	0	0	0.002	0	0	0.001	---	---	10
11	---	---	0.008B	0.021	0	0	0.002	0	0.001	0.001	---	---	11
12	---	---	0.007B	0.010	0	0	0.055	0	0.001	0.001	---	---	12
13	---	---	0.008B	0.007	0	0	0.005	0	0.001	0.001	---	---	13
14	---	---	0.008B	0.003	0	0	0.003	0	0.001	0.001	---	---	14
15	---	---	0.007B	0.003	0	0	0.001	0	0	0.001	---	---	15
16	---	---	0.006B	0.002	0	0	0.001	0	0	0.001	---	---	16
17	---	---	0.005B	0.001	0	0	0.001	0	0.001	0.001	---	---	17
18	---	---	0.004B	0.001	0	0	0.001	0	0.001	0.001	---	---	18
19	---	---	0.003B	0	0	0	0.001	0	0.001	0.001	---	---	19
20	---	---	0.004B	0	0	0	0	0.212	0.001	0.001	---	---	20
21	---	---	0.008B	0	0	0	0	0.371	0.001	0.001	---	---	21
22	---	---	0.005B	0	0	0	0	0.260	0.001	0.001	---	---	22
23	---	0B	0.005B	0	0	0	0	0.100	0.001	0.001	---	---	23
24	---	0B	0.004B	0	0	0	0	0.031	0.001	0.001	---	---	24
25	---	0B	0.005B	0	0	0	0	0.008	0.001	0.001	---	---	25
26	---	0B	0.004B	0	0	0	0	0.004	0.002	0.001	---	---	26
27	---	0B	0.003B	0	0	0	0	0.003	0.002	0.001	---	---	27
28	---	0B	0.002B	0	0	0	0	0.002	0.002	0.001	---	---	28
29	---	0B	0.001B	0	0	0	0	0.002	0.002	0.001	---	---	29
30	---		0.001B	0	0	2.75	0	0.002	0.002	0.001	---	---	30
31	---		0.006B		0		0	0.001		0.001A		---	31
TOTAL	---	---	0.139	1.126	0	2.75	1.213	1.014	0.027	0.033	---	---	TOTAL
MEAN	---	---	0.004	0.038	0	0.092	0.039	0.033	0.001	0.001	---	---	MEAN
MAX	---	---	0.010	0.325	0	2.75	0.462	0.371	0.002	0.002	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.026
MAXIMUM DAILY, 2.75 ON JUN 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7.00 AT 07:49 MST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 32 N
LONG 111 43 44 W
DRAINAGE AREA, 76.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	105
FEB	---	AUG	87.6
MAR	12.0	SEP	2.33
APR	97.3	OCT	2.85
MAY	0	NOV	---
JUN	238	DEC	---

TOTAL DISCHARGE, 545 dam³

YOUNG DRAINAGE PROJECT NEAR SPIRIT RIVER - STATION NO. 07FD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0B	0	0	0.088	0	0	0	---	---	1
2	---	---	---	0B	0	0	0.088	0	0	0	---	---	2
3	---	---	---	0B	0	0	0.550	0	0	0	---	---	3
4	---	---	---	0B	0	0	0.330	0	0	0	---	---	4
5	---	---	---	0B	0	0	0.127	0	0	0	---	---	5
6	---	---	---	0B	0	0.008	0.084	0	0	0	---	---	6
7	---	---	---	0	0	0.081	0.065	0	0	0	---	---	7
8	---	---	---	0	0	0.025	0.021	0	0	0	---	---	8
9	---	---	---	0	0	0.013	0	0	0	0	---	---	9
10	---	---	---	0	0	0	0	0	0	0	---	---	10
11	---	---	---	0	0	0	0	0	0	0	---	---	11
12	---	---	---	0	0	0	0.010	0	0	0	---	---	12
13	---	---	---	0	0	0	0.035	0	0	0	---	---	13
14	---	---	---	0	0	0	0.011	0	0	0	---	---	14
15	---	---	---	0	0	0	0	0	0	0	---	---	15
16	---	---	---	0	0	0	0	0	0	0	---	---	16
17	---	---	---	0	0	0	0	0	0	0	---	---	17
18	---	---	---	0	0	0	0	0	0	0	---	---	18
19	---	---	---	0	0	0	0	0	0	0	---	---	19
20	---	---	---	0	0	0	0	0	0	0	---	---	20
21	---	---	---	0	0	0	0	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0	0	0	0B	---	---	25
26	---	---	---	0	0	0	0	0	0	0B	---	---	26
27	---	---	---	0	0	0	0	0	0	0B	---	---	27
28	---	---	---	0	0	0	0	0	0	0B	---	---	28
29	---	---	0B	0	0	0	0	0	0	0B	---	---	29
30	---		0B	0	0	0.096	0	0	0	0B	---	---	30
31	---		0B		0		0	0		0B		---	31
TOTAL	---	---	---	0	0	0.206	1.327	0	0	0	---	---	TOTAL
MEAN	---	---	---	0	0	0.007	0.043	0	0	0	---	---	MEAN
MAX	---	---	---	0	0	0.096	0.550	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.550 ON JUL 3
MINIMUM DAILY, 0B ON MAR 29
MAXIMUM INSTANTANEOUS,
1.19 AT 15:07 MST ON JUL 3

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 48 00 N
LONG 115 47 00 W
DRAINAGE AREA, 31.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	115
FEB	---	AUG	0
MAR	---	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	17.8	DEC	---

NAME	STATION NO.	PAGE
ADAMS CREEK NEAR KINUSO	07BJ004	1
AETNA CREEK AT HIGHWAY NO. 901	05AE012	1
ALBERTA POWER LIMITED COOLING POND OUTLET	05CG007	2
ALKALI CREEK NEAR THE MOUTH	05CK005	2
AMISK CREEK NEAR SHONTS	05EB010	3
AMISK RIVER AT HIGHWAY NO. 36	05AA002	3
ANTELOPE COULEE SPILLWAY	05BH010	4
ATABASCA RIVER NEAR OLD FORT	07DD011	4
ATHABASCA RIVER ABOVE JACKFISH CREEK	07DE007	5
ATHABASCA RIVER AT ATHABASCA	07BE001	5
ATHABASCA RIVER AT HINTON	07AD002	6
ATHABASCA RIVER BELOW MCMURRAY	07DA001	6
ATHABASCA RIVER NEAR JASPER	07AA002	7
ATHABASCA RIVER NEAR WINDFALL	07AE001	7
ATIM CREEK NEAR SPRUCE GROVE	05EA005	8
ATIMOSWE CREEK NEAR ELK POINT	05ED002	8
BABETTE CREEK NEAR COLINTON	07CA003	9
BAPTISTE LAKE NEAR ATHABASCA	07BE002	9
BAPTISTE RIVER NEAR THE MOUTH	05DC012	10
BARE CREEK RESERVOIR NEAR ELKWATER	11AB004	10
BARRIER LAKE NEAR SEEBE	05BF024	11
BATTERSEA DRAIN NEAR THE MOUTH	05AD038	11
BATTLE RIVER NEAR FORESTBURG	05FC001	12
BATTLE RIVER NEAR PONOKA	05FA001	12
BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY	05FE004	13
BEAR CREEK NEAR INTERNATIONAL BOUNDARY	11AA028	13
BEAR CREEK NEAR VALHALLA CENTRE	07EE007	14
BEAR LAKE NEAR CLAIRMONT	07EE004	14
BEARBERRY CREEK NEAR SUNDRE	05CA011	15
BEAVER CREEK NEAR BROCKET	05AB013	15
BEAVER LAKE AT RANGER STATION	05AA003	16
BEAVER RIVER ABOVE SYNCRUDE	07DA016	16
BEAVER RIVER AT COLD LAKE RESERVE	05AD006	17
BEAVER RIVER NEAR GOODRIDGE	05AA001	17
BEAVERDAM CREEK NEAR COCHRANE	05CB005	18
BEAVERLODGE RIVER NEAR BEAVERLODGE	07ED001	18
BEAVERTAIL CREEK NEAR HYTHE	07ED002	19
BEDDINGTON CREEK NEAR CALGARY	05BH004	19
BELLY - ST. MARY DIVERSION CANAL	05AD021	20
BELLY RIVER NEAR GLENWOOD	05AD041	20
BELLY RIVER NEAR MOUNTAIN VIEW	05AD005	21
BERLAND RIVER NEAR THE MOUTH	07AC007	21
BERRY CREEK BELOW DEADFISH CREEK	05CH016	22
BERRY CREEK NEAR ROSE LYNN	05CH008	22
BERRY CREEK NEAR THE MOUTH	05CH007	23
BERRY CREEK RESERVOIR NEAR SUNNYBROOK	05CH014	23
BERRY CREEK RESERVOIR OUTLET	05CH011	24
BIGELOW RESERVOIR NEAR WINBORNE	05CB001	24
BIGKNIFE CREEK NEAR SADSBY	05FC002	25
BIRCH CREEK NEAR CONKLIN	07CE006	25
BIRCH RIVER BELOW ALICE CREEK	07KE001	26
BLACKMUD CREEK NEAR ELLERSLIE	05BF003	26
BLINDMAN RIVER NEAR BLACKFALDS	05CC001	27
BLINDMAN RIVER NEAR BLUFFTON	05CC006	27
BLOOD INDIAN CREEK NEAR CARDSTON LAKE	05CK007	28
BLOOD INDIAN CREEK NEAR THE MOUTH	05CK001	28
BOUNTIFUL COULEE INFLOW NEAR CRANFORD	05AG028	29
BOW RIVER AT BANFF	05BB001	29
BOW RIVER AT CALGARY	05BH004	30
BOW RIVER AT LAKE LOUISE	05BA001	30
BOW RIVER BELOW BASSANO DAM	05BM004	31
BOW RIVER BELOW BEARSPAW DAM	05BH005	31
BOW RIVER BELOW CARSELAND DAM	05BM002	32
BOW RIVER BELOW GHOST DAM	05BE004	32
BOW RIVER DEVELOPMENT DRAIN D NEAR VAUXHALL	05BN004	33
BOW RIVER DEVELOPMENT DRAIN K NEAR VAUXHALL	05BN003	33
BOW RIVER DEVELOPMENT DRAIN T NEAR HAYS	05AG005	34
BOW RIVER DEVELOPMENT MAIN CANAL	05AC004	34
BOW RIVER DEVELOPMENT MAIN CANAL AT DROP NO. 3	05AC002	35
BOW RIVER DEVELOPMENT WESTERN BLOCK LATERAL A NEAR HEADGATE	05AC013	35
BOW RIVER NEAR SEEBE	05BE004	36
BOW RIVER NEAR THE MOUTH	05BN012	36
BOYER RIVER NEAR FORT VERMILION	07JF002	37
BOYER RIVER NEAR PADDLE PRAIRIE	07JF004	37
BRAZEAU RESERVOIR	05DD005	38
BRAZEAU RIVER BELOW BRAZEAU PLANT	05DD003	38
BRAZEAU RIVER BELOW CARDINAL RIVER	05DD007	39
BREWSTER CREEK NEAR BANFF	05BB004	39
BROWN CREEK AT FORESTRY ROAD	05DD004	40
BUCHANAN CREEK NEAR MANNING	07HC002	40
BUFFALO CREEK AT HIGHWAY NO. 41	05FE002	41
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